HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

WAX3 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDL-26S3000	RM-YD018	US/CANADA
KDL-32S3000	RM-YD018	US/CANADA
KDL-40S3000	RM-YD018	US/CANADA
KDL-46S3000	RM-YD018	US/CANADA

ORIGINAL MANUAL ISSUE DATE: 4/2007

☛ : UPDATED ITEM

REVISION DATE	SUBJECT
4/2007	No revisions or updates are applicable at this time.
5/2007	Re-release entire manual.
7/2007	Added correct PN for KDL-32S3000 ETC-Inverter MT Board. Replaced page 138.
10/2007	Added PNs for new Colored Bezel models. Replaced page 138. Added PN for Remote Battery Cover. Replaced page 174.

LCD DIGITAL COLOR TELEVISION

SONY®

Self Diagnosis
Supported model

SERVICE MANUAL

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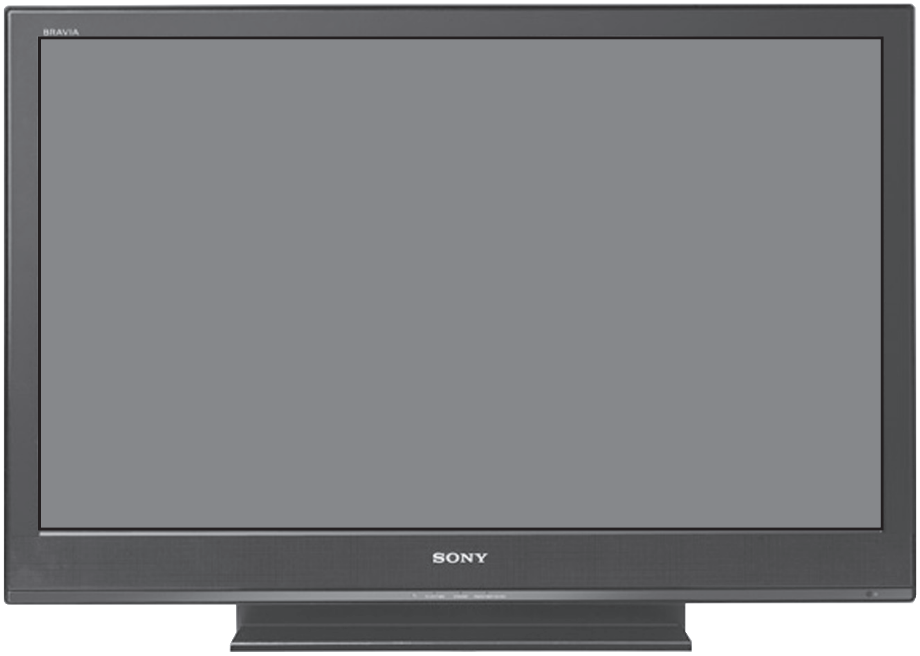
KDL-26S3000	RM-YD018	US/CANADA
KDL-32S3000	RM-YD018	US/CANADA
KDL-40S3000	RM-YD018	US/CANADA
KDL-46S3000	RM-YD018	US/CANADA



KDL-46S3000

RM-YD018

LCD DIGITAL COLOR TELEVISION

SONY®

9-883-745-04

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SPECIFICATIONS

Power Requirements 120V-240V AC, 50/60Hz

Video (IN) 1/2/3

S Video (4-Pin Mini DIN (VIDEO 1/2 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75ohms unbalanced, sync negative

Audio

500 mVrms (100% modulation)
Impedance:47 kilohms

COMPONENT IN 1/2

YP_BP_R (Component Video)

Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B:0.7 Vp-p, 75 ohms
P_R:0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i, 1080p

AUDIO

500 mVrms (100% modulation)
Impedance: 47 kilohms

HDMI IN 1/2:

HDMI: Video:480i, 480p, 720p, 1080i, 1080p
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits

AUDIO: (HDMI IN 2 only) 500 mVrms (100% modulation)
Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (100% modulation)
More than 1 Vrms at the maximum volume setting (Variable)
More than 500 mVrms (Fixed)

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 0.5 Vrms, 1 kilohm

HEADPHONES:

Stereo mini jack
Impedance: 16 ohms

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Blu-ray Disc is a trademark.

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As an ENERGY STAR® Partner, Sony Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

ENERGY STAR® is a U.S. registered mark.

Design and specifications are subject to change without notice.

	KDL-26S3000	KDL-32S3000	KDL-40S3000	KDL-46S3000
Power Consumption				
in use	150W	158W	180W	215W
in standby	Less than 0.1W			
Speaker Output (W)	10W x 10W			
mm	42 x 150 mm	42 x 150 mm	55 x 150 mm	70 x 130 mm
in	1 11/16 x 6 in	1 11/16 x 6 in	2 1/4 x 6 in	2 3/4 x 5 7/16 in
Dimensions (W x H x D) with stand				
mm	656 x 500 x 214 mm	790 x 577 x 214 mm	981 x 692 x 265 mm	1114 x 778 x 306 mm
in	26 7/8 x 19 3/4 x 8 1/2 in	31 1/8 x 22 3/4 x 8 1/2 in	38 5/8 x 27 1/4 x 10 1/2 in	43 7/8 x 30 3/4 x 12 1/8 in
Dimensions (W x H x D) without stand				
mm	656 x 452 x 96 mm	790 x 530 x 100 mm	981 x 643 x 110 mm	1114 x 730 x 115 mm
in	25 7/8 x 17 7/8 x 3 7/8 in	31 1/8 x 20 7/8 x 4 in	38 5/8 x 25 3/8 x 4 3/8 in	43 7/8 x 28 3/4 x 4 5/8 in
Mass with stand				
kg	13.5 kg	17 kg	25 kg	32 kg
lbs	30 lbs	38 lbs	56 lbs	71 lbs
without stand				
kg	11 kg	14.5 kg	21 kg	27.5 kg
lbs	25 lbs	32 lbs	47 lbs	61 lbs

Television system

NTSC American TV Standard
ATSC (8VSB terrestrial) ATSC compliant 8VSB
QAM on cable: ANSI/SCTE 07 2000

Channel coverage

	Analog	Digital
Terrestrial	2-69	2-69
Cable	1-125	1-135

Antenna

75-ohm external terminal for VHF/UHF

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical):

1,366 dots x 768 lines

Screen Size (measured diagonally)

26 inches (KDL-26S3000 Only)
31.5 inches (KDL-32S3000 Only)
40 inches (KDL-40S3000 Only)
46 inches (KDL-46S3000 Only)

Supplied Accessories

Remote Commander RM-YD018
Two Size AA (R6) Batteries
AC Power Cord
HD15-HD15 Cable
Suport Belt, Securing Screw, and Wood Screw
Cable Holder
Operating Instructions
Quick Setup Guide
Warranty Card

Optional Accessories

- Headphones Plug Adapter
- Connecting Cables
- Wall-Mount Bracket
  - SU-WL100 (KDL-26S3000 Only)
  - SU-WL500 (KDL-32S3000/40S3000/46S3000 Only)
- TV Stand
  - RHT-G800 (All except KDL-26S3000)

WARNINGS AND CAUTIONS

CAUTION

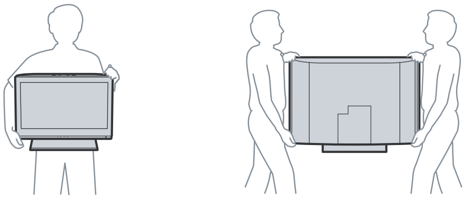
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

CARRYING THE TV

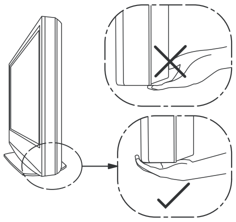
To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

- ☐ Before carrying the TV, disconnect all cables.
- ☐ Carrying the large size TV requires two or more people.
- ☐ When you carry the TV, place your hand as illustrated and hold it securely. Do not put stress on the LCD panel.

KDL-26S3000 KDL-32S3000/ KDL-40S3000/ KDL-46S3000



- ☐ When lifting or moving the TV, hold it firmly from the bottom. Place your palm directly under the panel.



- ☐ When carrying, do not subject the TV to shocks or vibration, or excessive force.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

ATTENTION!!

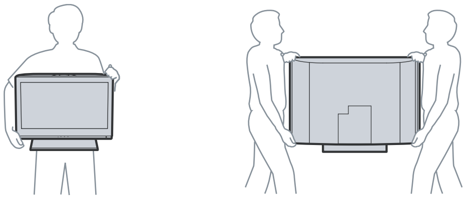
Ces instructions de service sont à l’usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l’entretien autre que celui contenu dans le Mode d’emploi à moins que vous soyez qualifié faire ainsi.

POUR TRANSPORTER LE TÉLÉVISEUR

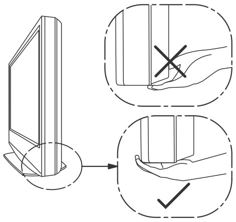
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

- ☐ Avant de transporter le téléviseur, débranchez tous les câbles.
- ☐ Le transport du téléviseur doit être effectué par au moins deux personnes.
- ☐ Lorsque vous le transportez, placez vos mains tel que cela est illustré et tenez solidement l’appareil. N’appliquez pas de pression sur l’écran ACL.

KDL-26S3000 KDL-32S3000/ KDL-40S3000/ KDL-46S3000



- ☐ Lorsque vous levez ou déplacez le téléviseur, assurez-vous de tenir solidement de la base. Placez la paume des mains directement sous le panneau.



- ☐ Lorsque vous transportez le téléviseur, ne le soumettez pas à des chocs ou vibrations, ni à une force excessive.

Afin d’eviter tout risque d’electrocution provenant d’un chássis sous tension, un transformateur d’isolement doit etre utilisé lors de tout dépannage. Le chássis de ce récepteur est directement raccordé à l’alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d’une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l’importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu’un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

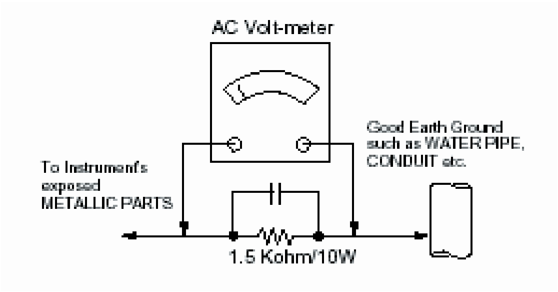
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

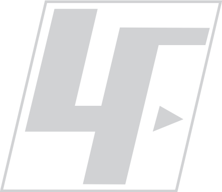
To avoid damaging the LCD panel:

- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
- avoid contact with water. It may cause a short circuit within the module.
- disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit.
  (High voltage occurs at the inverter circuit at 650Vrms.)
- always clean the LCD panel with a soft cloth material.
- use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

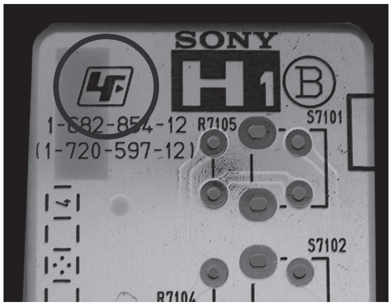
LEAKAGE CURRENT HOT CHECK CIRCUIT



The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



example 1



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instructions.

2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson’s 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

Leakage Test

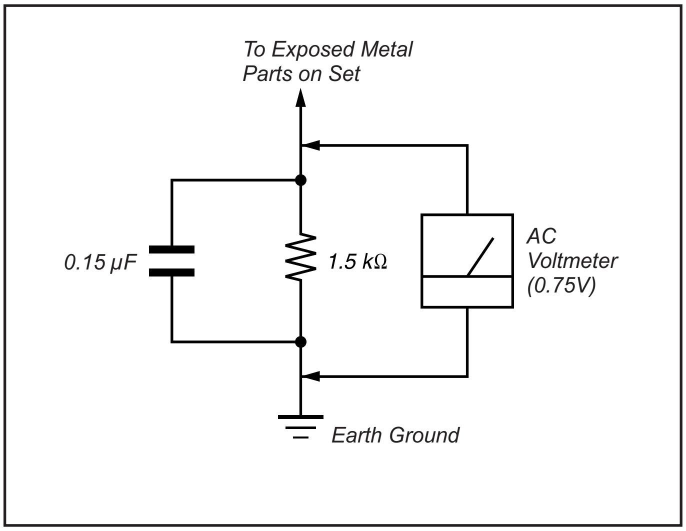


Figure A. Using an AC voltmeter to check AC leakage.

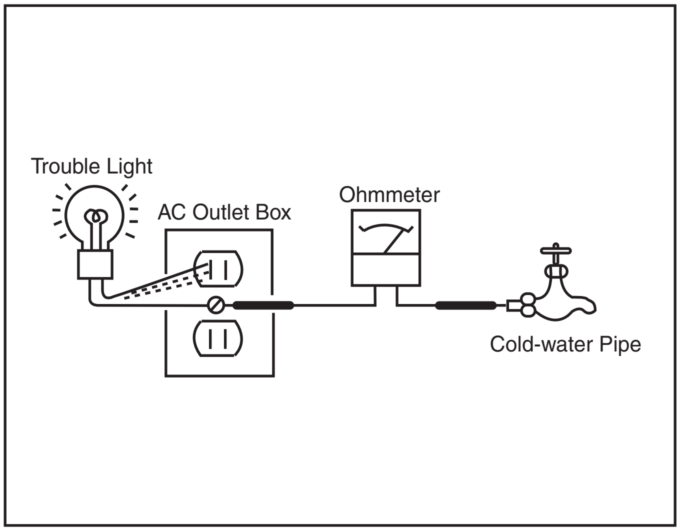


Figure B. Checking for earth ground.

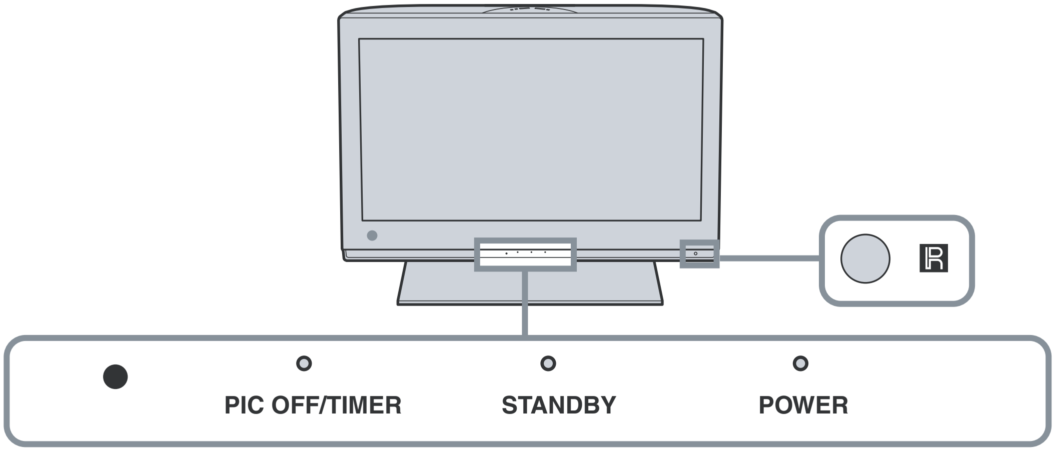
SELF-DIAGNOSTIC FUNCTION

The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

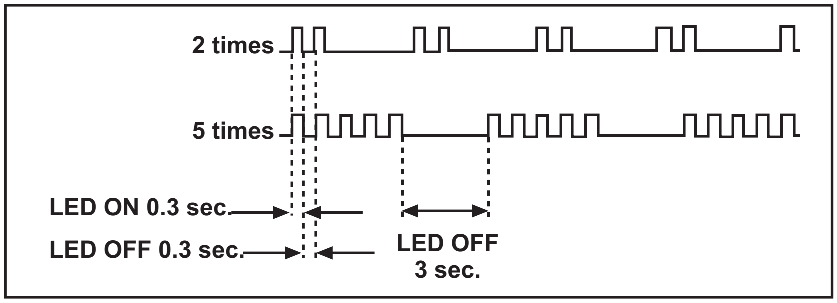
Control Buttons



Description of LED Indictors

LED	LED Type	Description
POWER LED	Green LED	* Light is green when the TV set is on
STANDBY LED	Red LED	* Lights is red when the TV is in PC standby mode * Blinks red when indicating the TV may need servicing
PIC OFF/TIMER LED	Amber/Green LED	* Light is green when the **Picture Off** feature is activated * Light is amber when the timer is set

Display of STANDBY LED Flash Count



Viewing the Self Check Diagnostic List

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY → Channel 5 → Volume - → TV POWER.
   The Self Check list displays. ↑ This differs from accessing Service Adjustments.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a “0”.

```
SELF CHECK                    PAGE 1

002  MAIN_POWER                   01
003  DC_ALERT1                    00
004  DC_ALERT2                    00
005  DC_ALERT3                    00
006  BACK_LIGHT                   00
013  BACK_LIGHT_BALANCE           00

00009-00019-00009
```

← 1 indicates an error was detected
← 0 indicates no error was detected

3. Press the Channel 1 button on the Remote Commander to go to Page 2 of the Self Check list.

```
SELF CHECK                    PAGE 2

008  SP_PROT                      01
007  TEMP                         00
011  TRIDENT_IC                   00
010  DIGITAL                      00
009  NA                           00
007  HFR_OVERHEAT                 00
012  HFR_ERROR

00009-00019-00009
```

4. Press the Channel 4 button on the Remote Commander to go back to Page 1 of the Self Check list.

Clearing the Self Check Diagnostic List

1. In Service Mode, press the Channel 8 → Channel 0.

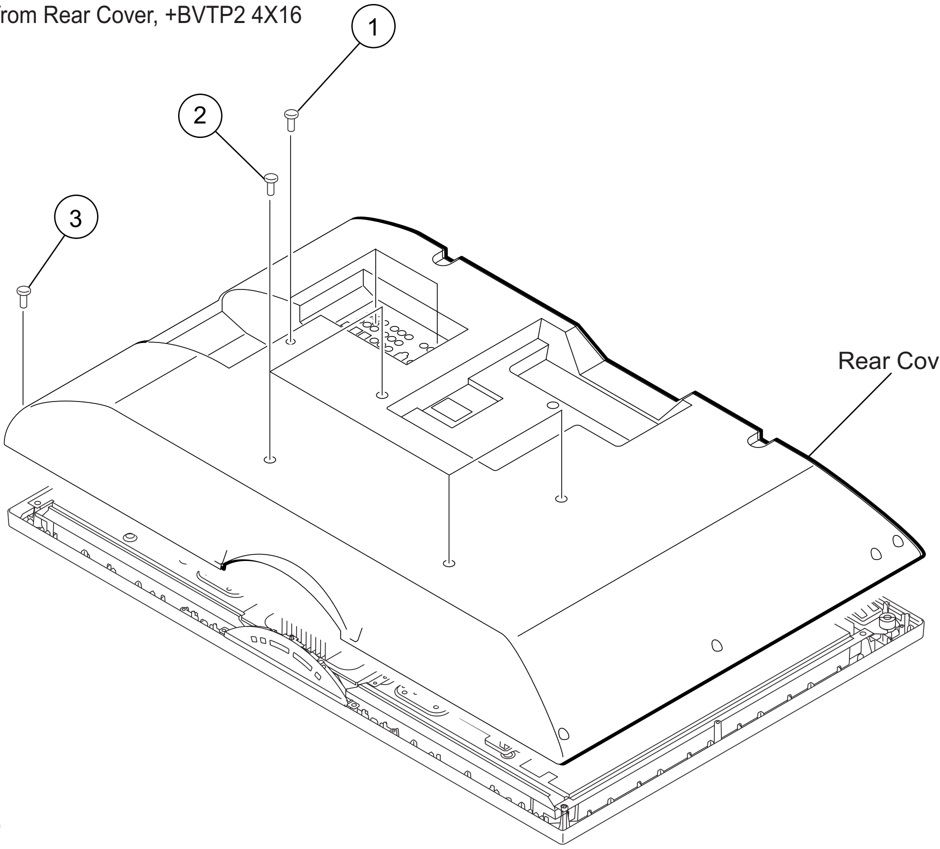
SECTION 1: DISASSEMBLY

1-1. REAR COVER REMOVAL

① Remove 3 screws from Terminals, +BVTP 3X12 TYPE2 IT-3

② Remove 2 screws (KDL-26/32S3000), 4 screws (KDL-40/46S3000) from Rear Cover arm positions, +PSW M5X16

③ Remove 13 screws (KDL-26S3000), 14 screws (KDL-32S3000), 15 screws (KDL-40/46S3000), from Rear Cover, +BVTP2 4X16

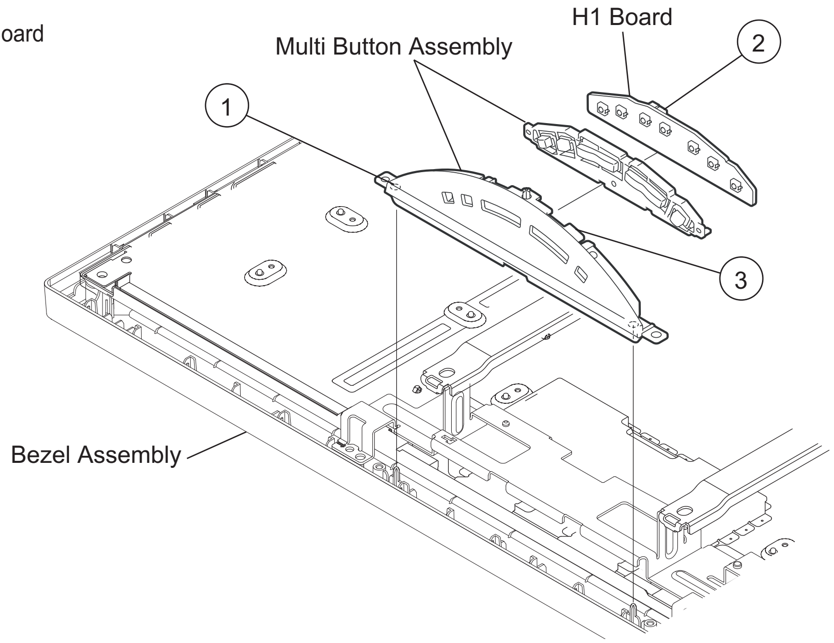

1
2
3
Rear Cover

1-2. H1 BOARD REMOVAL

① Remove from bezel

② Disconnect one connector

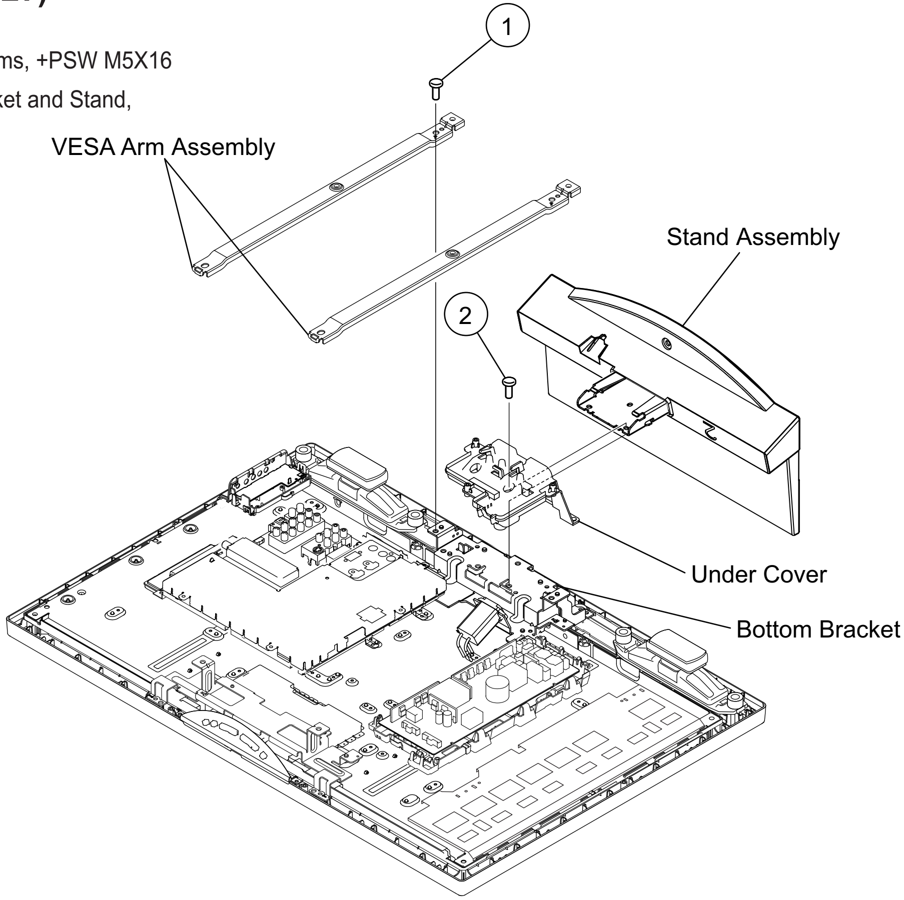
③ Release hooks and remove H1 Board


H1 Board
Multi Button Assembly
2
1
3
Bezel Assembly

1-3. STAND ASSEMBLY AND VESA ARM ASSEMBLY REMOVAL (KDL-26S3000/32S3000 ONLY)

① Remove 2 screws from bottom of Arms, +PSW M5X16

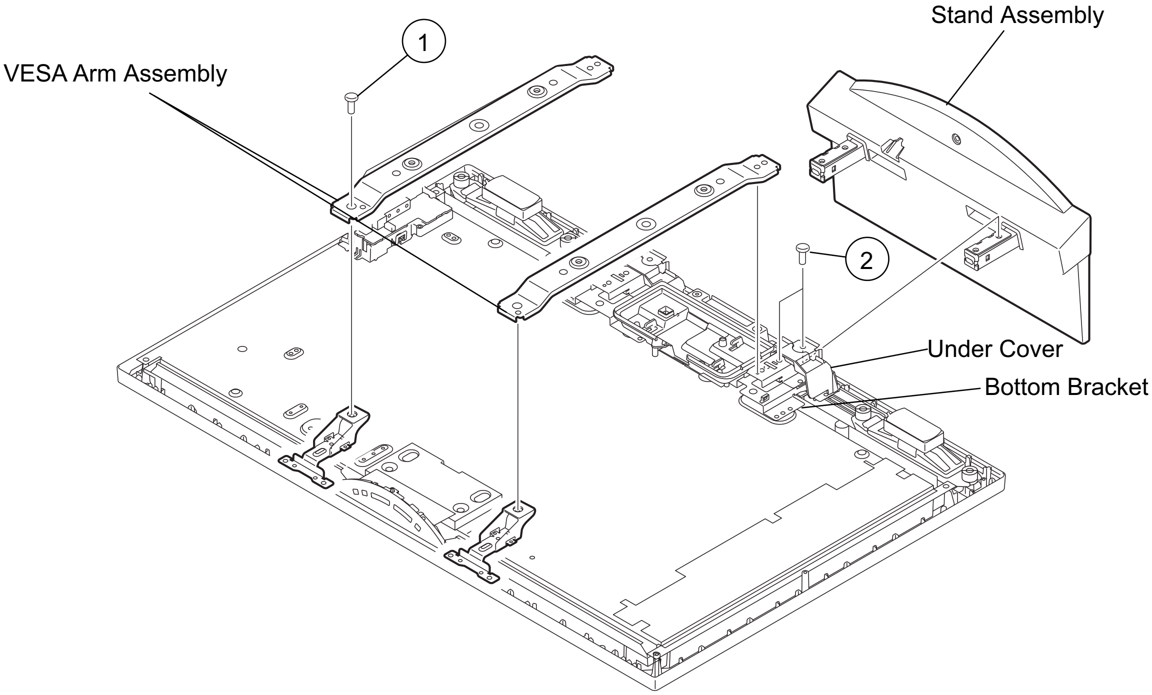
② Remove 3 screws from bottom bracket and Stand, +PSW M5X16


1
VESA Arm Assembly
Stand Assembly
2
Under Cover
Bottom Bracket

1-4. STAND ASSEMBLY AND VESA ARM ASSEMBLY REMOVAL (KDL-40S3000/46S3000 ONLY)

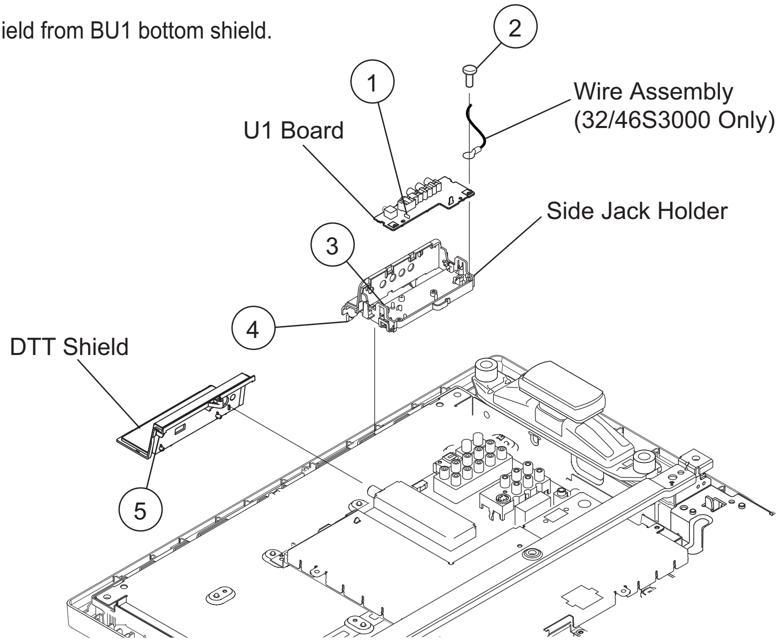
① Remove 4 screws from bottom of Arms, +PSW M5X16

② Remove 4 screws from bottom bracket and Stand, +PSW M5X16


Stand Assembly
1
VESA Arm Assembly
2
Under Cover
Bottom Bracket

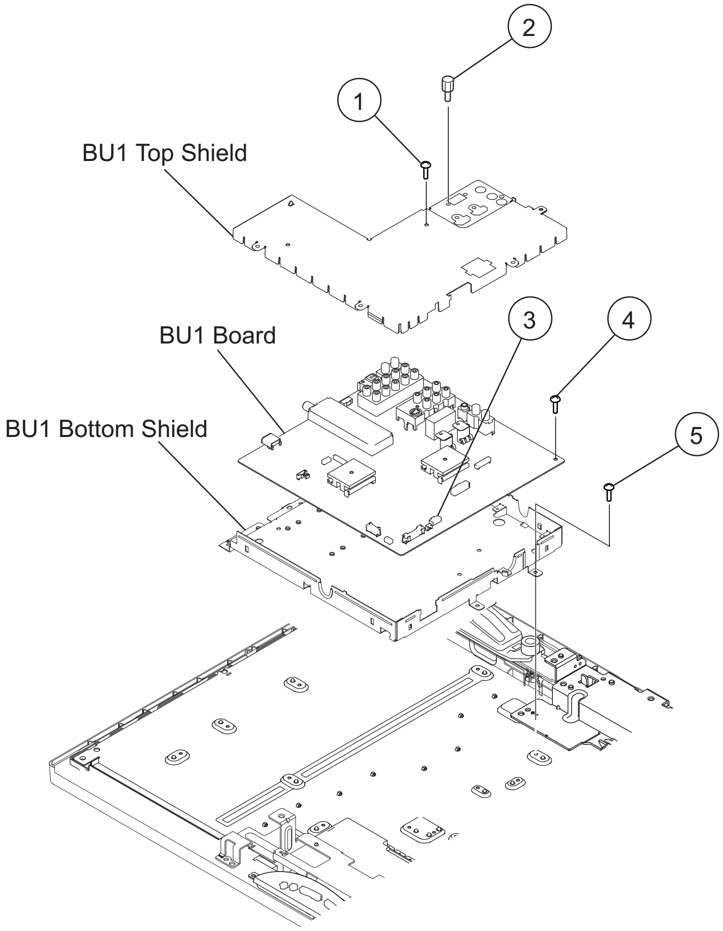
1-5. U1 BOARD, DTT SHIELD, AND JACK HOLDER REMOVAL

① Disconnect one connector
② Remove one screw, +BVTP 3X12 TYPE2 IT-3
③ Release hooks and remove U1 Board.
④ Remove Jack holder from Bezel.
⑤ Release hooks to remove DTT Shield from BU1 bottom shield.


2
1
U1 Board
Wire Assembly
(32/46S3000 Only)
Side Jack Holder
3
4
DTT Shield
5

1-6. BU1 BOARD REMOVAL

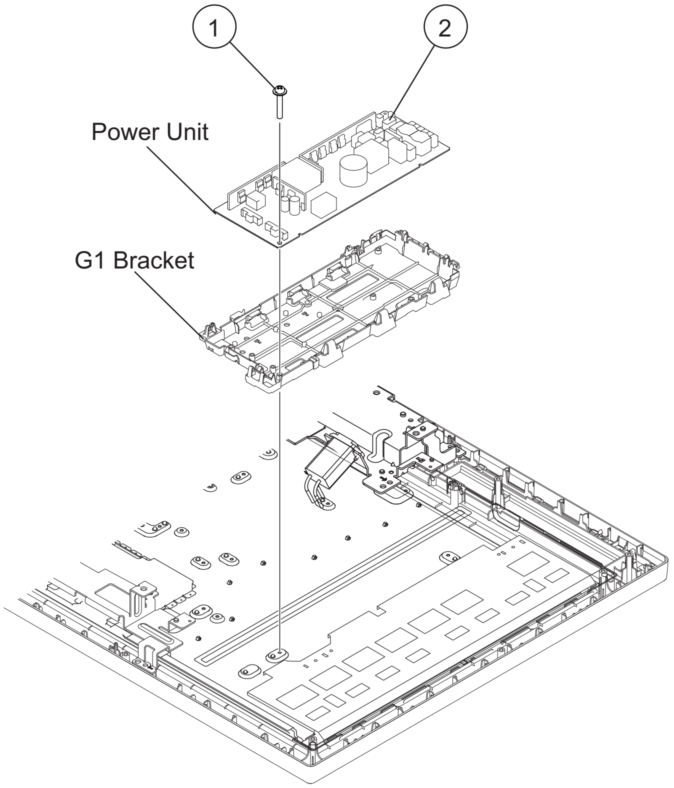
① Remove 2 screws, +PSW M3X5
② Remove 2 screws, HEX
③ Disconnect 5 connectors
④ Remove 7 screws, +BVST 3X8
⑤ Remove 5 screws, +PSW M3X5


2
1
BU1 Top Shield
3
4
BU1 Board
BU1 Bottom Shield
5

1-7. G1D/G1H BOARD (POWER UNIT) AND G1 BRACKET REMOVAL (KDL-26S3000/32S3000 ONLY)

① Remove 4 screws, +PSW 3SG

② Disconnect 3 connectors


①
②
Power Unit
G1 Bracket

1-8. SPEAKER, H3 BOARD, AND H4 BOARD REMOVAL

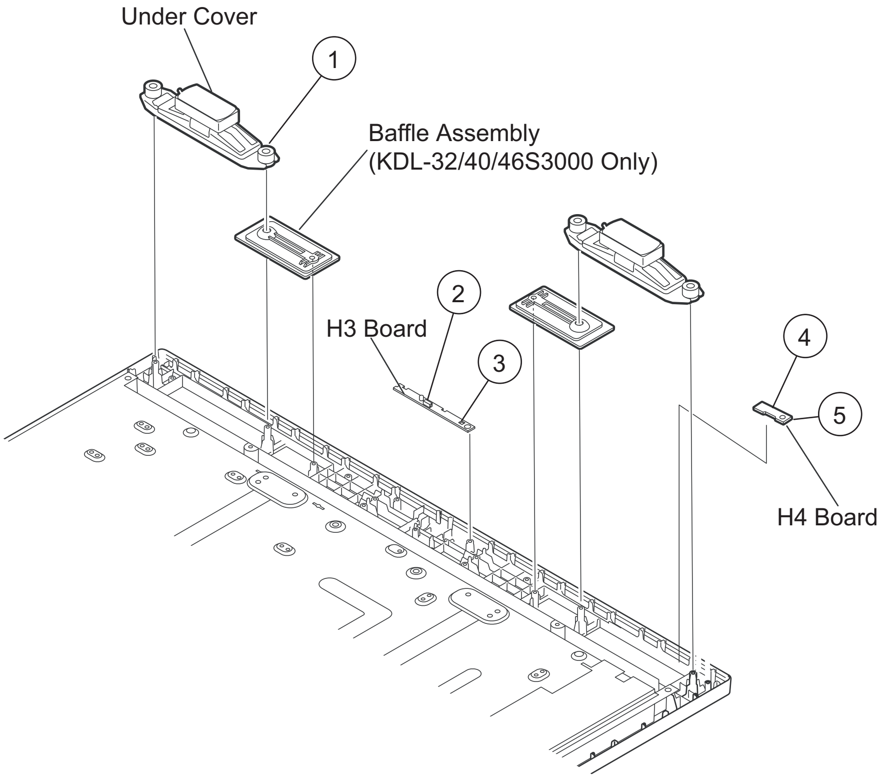
① Slide out Speaker and Baffle from Bezel

② Disconnect one connector

③ Release hooks and remove H3 Board

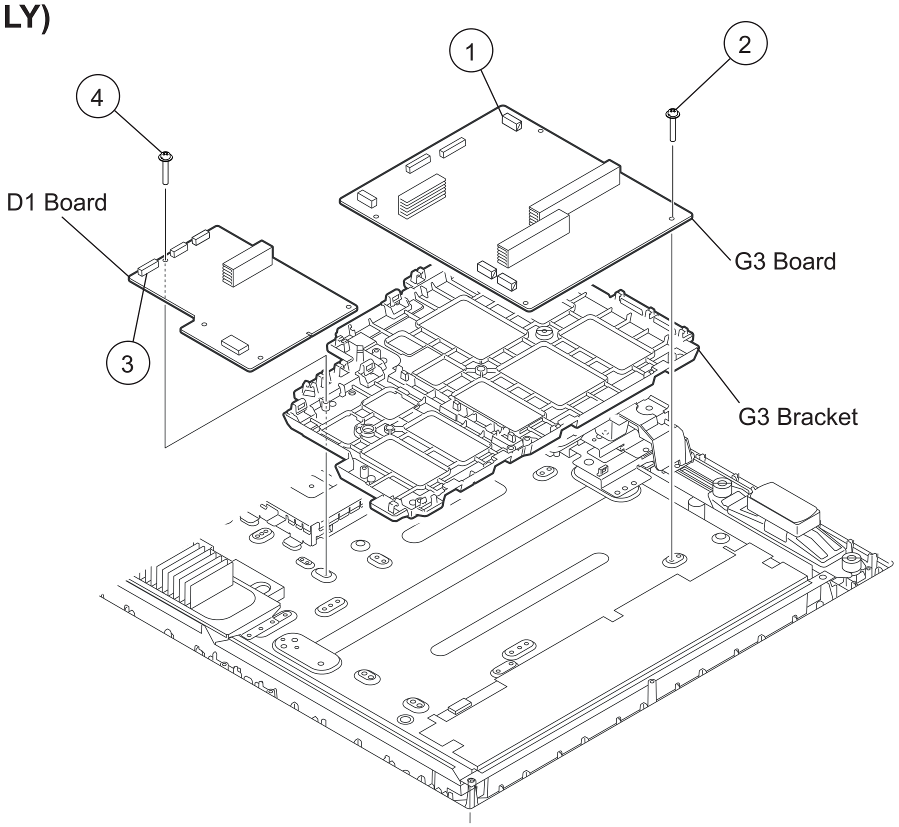
④ Disconnect one connector

⑤ Release hooks and remove H4 Board


Under Cover
①
Baffle Assembly
(KDL-32/40/46S3000 Only)
②
H3 Board
③
④
⑤
H4 Board

1-9. G3 BOARD (POWER UNIT) AND D1 BOARD REMOVAL (KDL-40S3000/46S3000 ONLY)

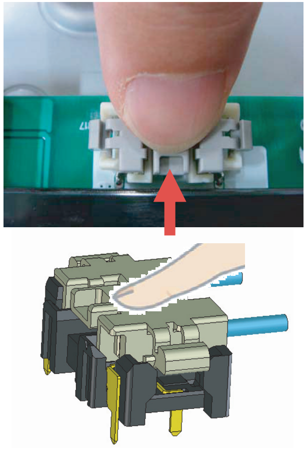
① Disconnect 6 connectors
② Remove 4 screws, +PSW 3SG
③ Disconnect 4 connectors
④ Remove 4 screws, +PSW 3SG



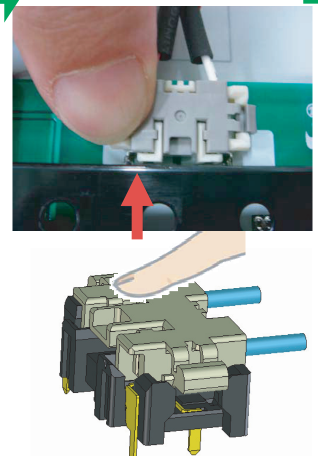
1-9-1. REPLACING THE INVERTER CONNECTOR ASSEMBLY (KDL-40S3000/46S3000 ONLY)

Use the following procedure to confirm that the Inverter connector is securely attached to the board.

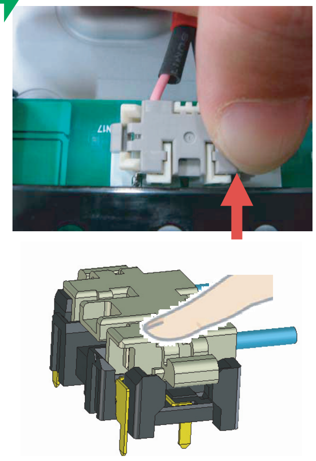
① After inserting the connector into the board, push the middle section of the inverter connector to confirm it is securely connected.



② Push the right section of the inverter connector and confirm it is securely connected.

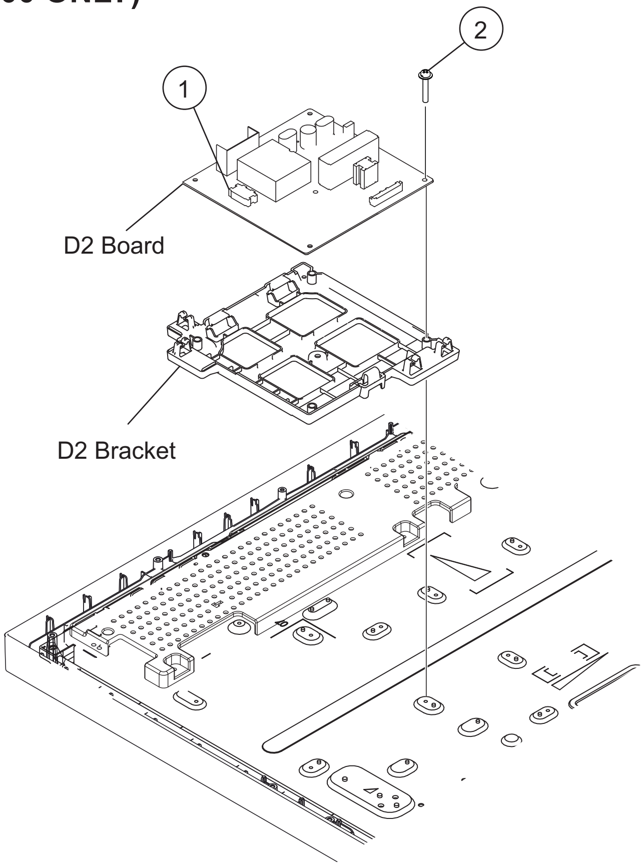


③ Push the left section of the inverter connector and confirm it is securely connected.



1-10. D2 BOARD REMOVAL (KDL-46S3000 ONLY)

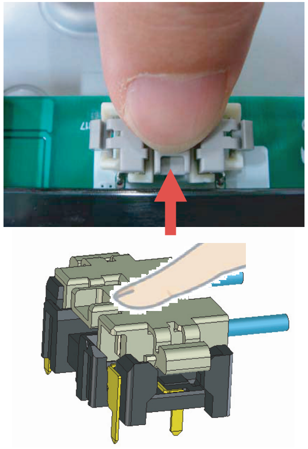
① Disconnect 3 connectors
② Remove 4 screws, +PSW 3SG



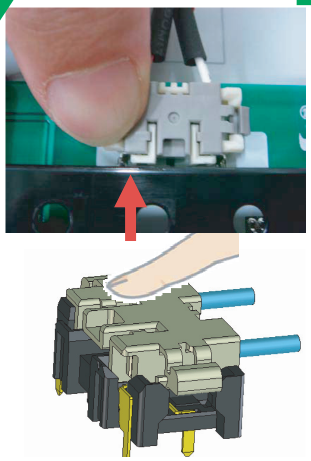
1-10-1.REPLACING THE INVERTER CONNECTOR ASSEMBLY (KDL-46S3000 ONLY)

Use the following procedure to confirm that the Inverter connector is securely attached to the board.

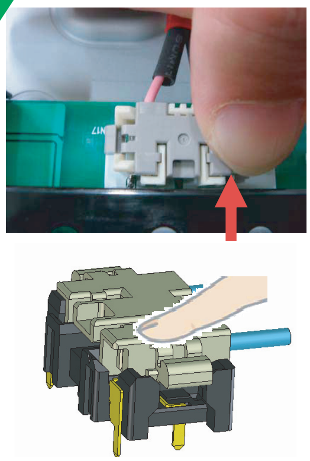
① After inserting the connector into the board, push the middle section of the inverter connector to confirm it is securely connected.



② Push the right section of the inverter connector and confirm it is securely connected.



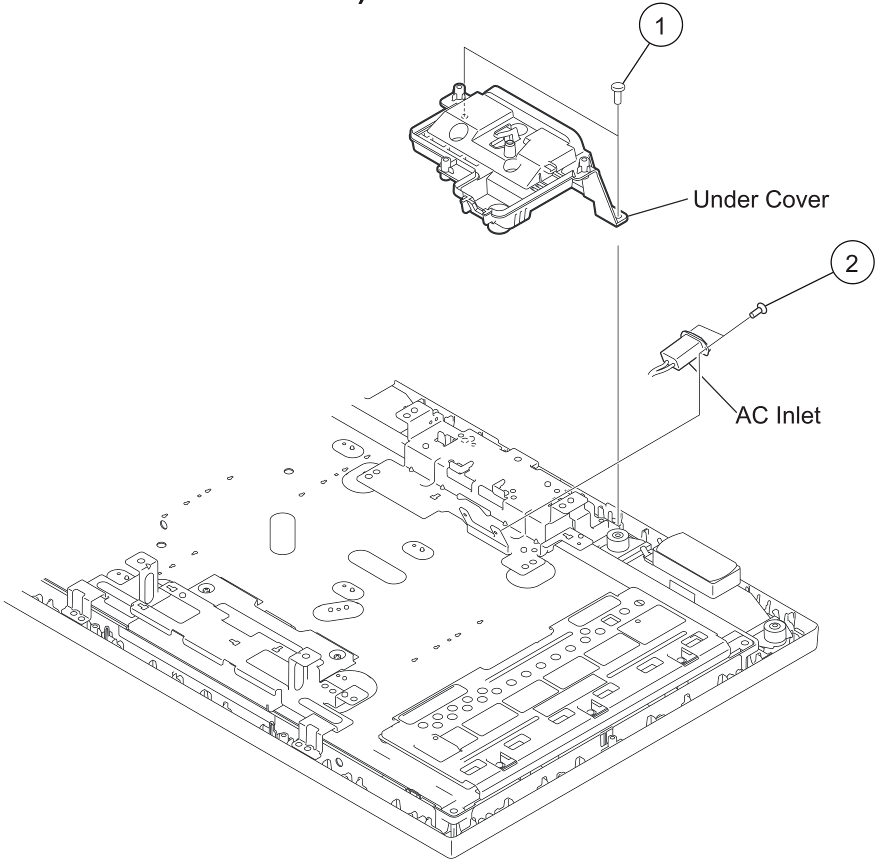
③ Push the left section of the inverter connector and confirm it is securely connected.



1-11. AC INLET REMOVAL (KDL-26S3000/32S3000 ONLY)

① Remove 2 screws, +BVTP2 4X16

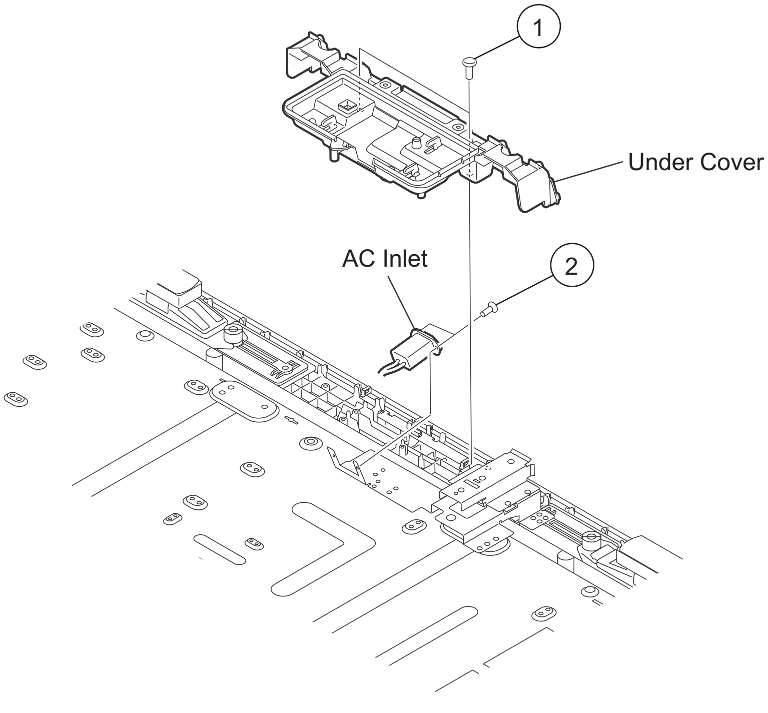
② Remove 2 screws, +KTT 3X10


1
Under Cover
2
AC Inlet

1-12. AC INLET REMOVAL (KDL-40S3000/46S3000 ONLY)

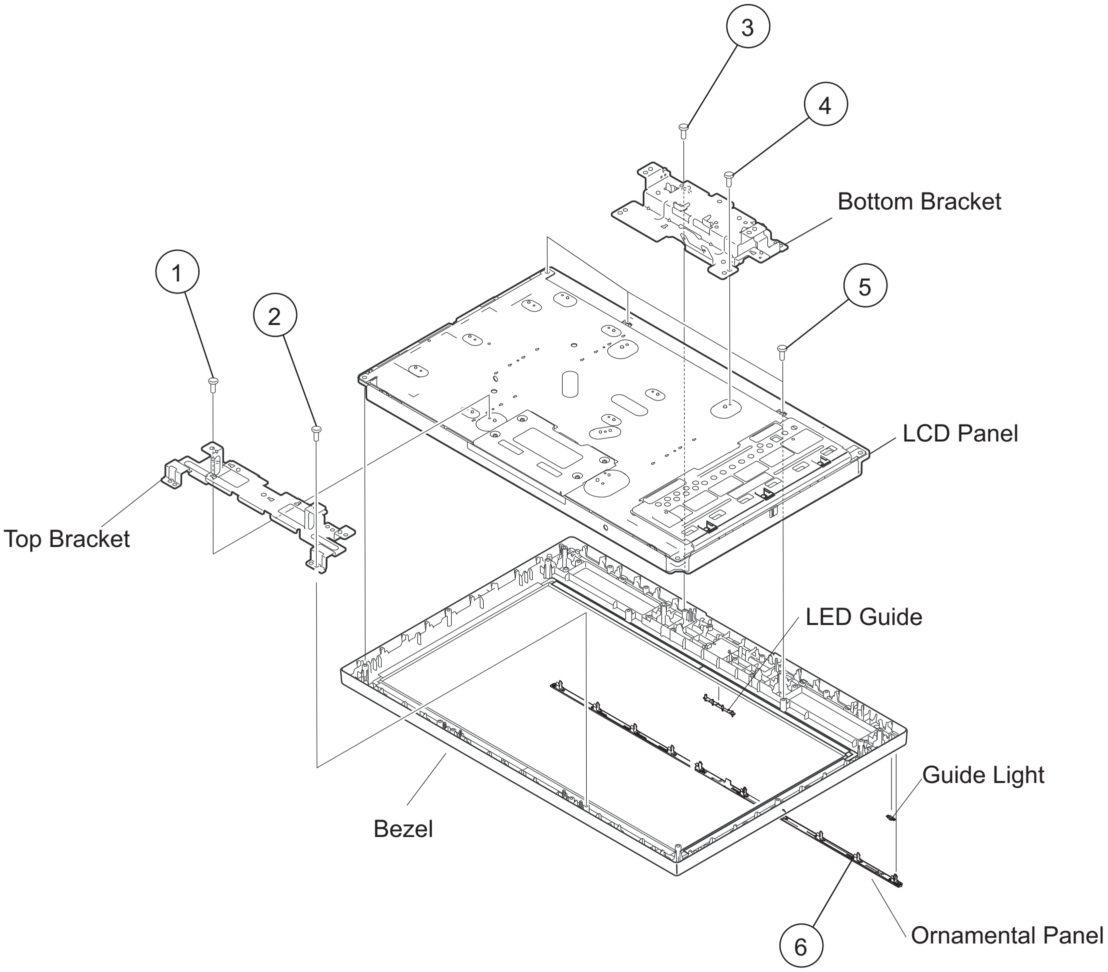
① Remove 2 screws, +BVTP2 4X16

② Remove 2 screws, +KTT 3X10


1
Under Cover
AC Inlet
2

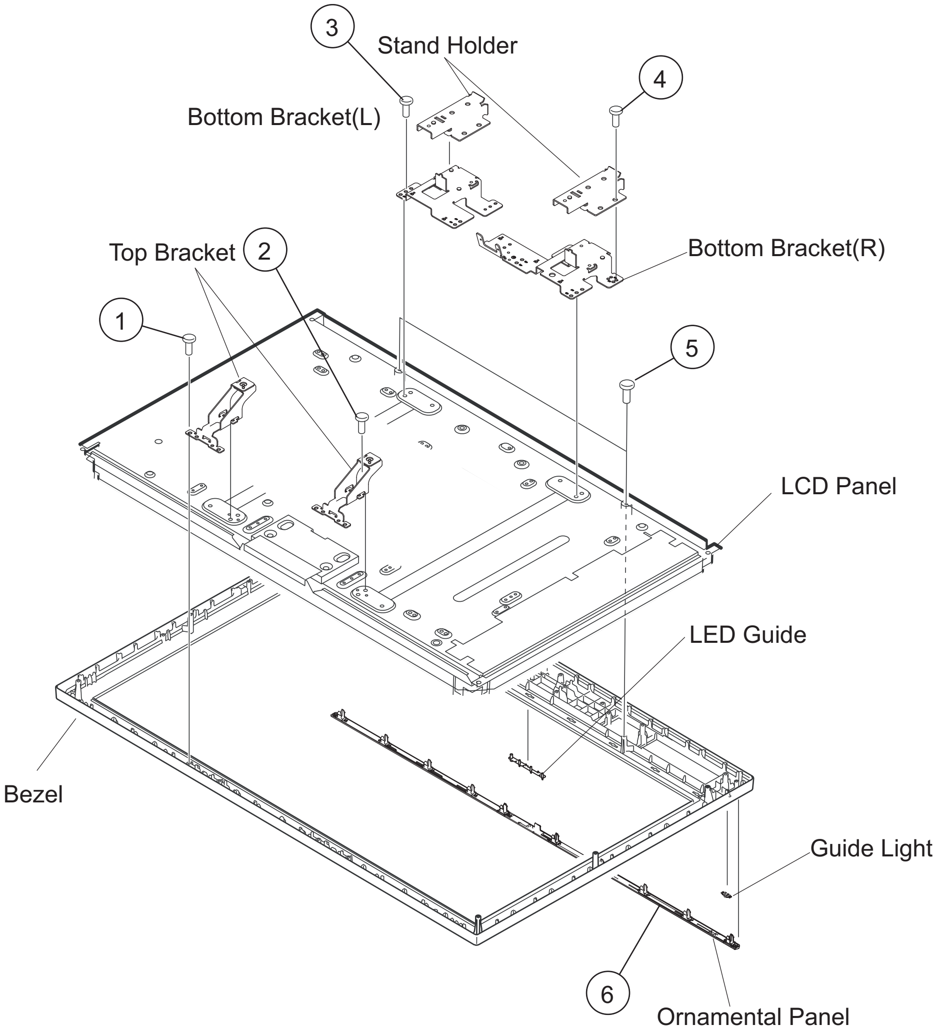
1-13. LCD PANEL, LED AND GUIDE LIGHT REMOVAL (KDL-26S3000/32S3000 ONLY)

① Remove 2 screws, +PSW M4X8
② Remove 2 screws, +BVTP2 4X16
③ Remove 2 screws, +BVTP2 4X16
④ Remove 2 screws, +PSW M4X8
⑤ Remove 3 screws, +BVTP2 4X16
⑥ Remove ornamental panel and slide out LED Guide and Light Guide


3
4
Bottom Bracket
1
5
2
LCD Panel
Top Bracket
LED Guide
Guide Light
Bezel
6
Ornamental Panel

1-14. LCD PANEL, LED AND GUIDE LIGHT REMOVAL (KDL-40S3000/46S3000 ONLY)

① Remove 2 screws from Bezel and Top Brackets, +BVTP2 4X16
② Remove 4 screws from Top Brackets, +PSW M5X8
③ Remove 4 screws from Bottom Brackets, + PSW M5X12
④ Remove 4 screws from Stand Holders, +PSW M5X16
⑤ Remove 2 screws from LCD Panel, +BVTP2 4X16
⑥ Remove ornamental panel and slide out LED Guide and Light Guide


3
Stand Holder
4
Bottom Bracket(L)
Top Bracket
2
Bottom Bracket(R)
1
5
LCD Panel
LED Guide
Bezel
Guide Light
6
Ornamental Panel

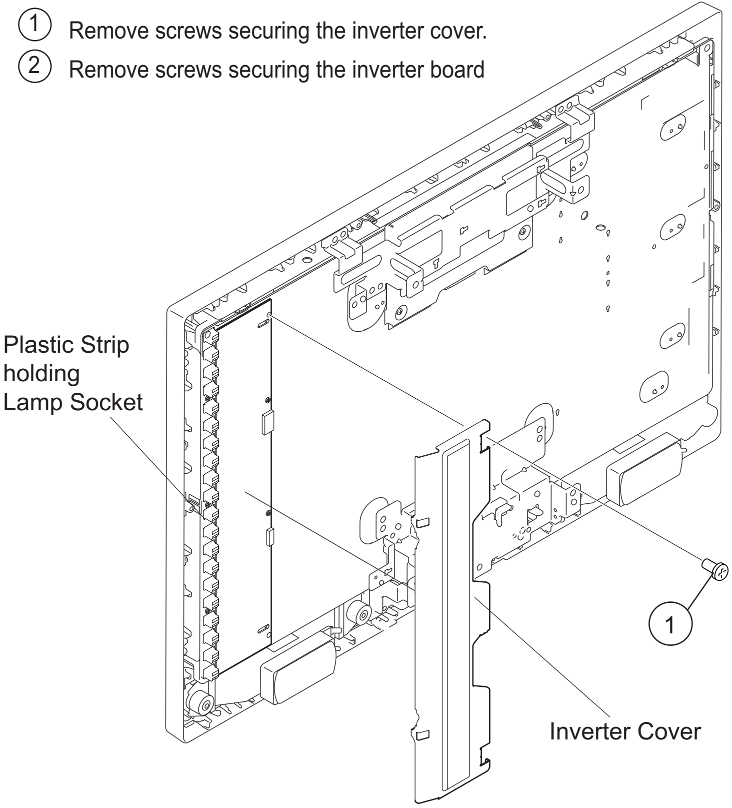
1-15. INVERTER BOARD REMOVAL

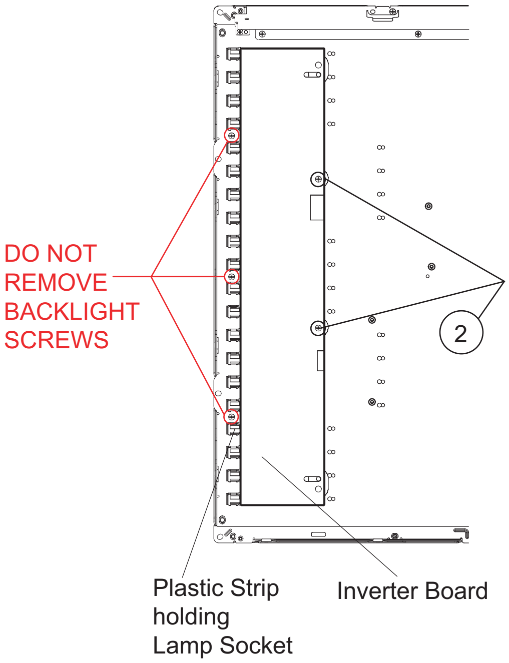
CAUTION:

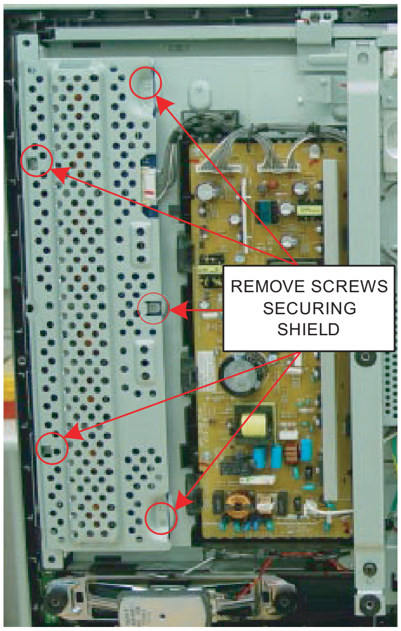
Be sure to identify the inverter cover screws before proceeding. DO NOT remove the screws securing the plastic strip holding the lamp sockets.

① Remove screws securing the inverter cover.

② Remove screws securing the inverter board


Plastic Strip
holding
Lamp Socket
1
Inverter Cover

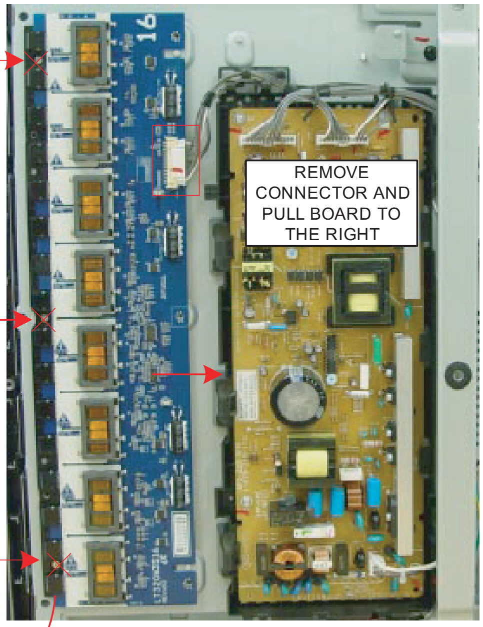

DO NOT
REMOVE
BACKLIGHT
SCREWS
2
Plastic Strip
holding
Lamp Socket
Inverter Board


REMOVE SCREWS
SECURING
SHIELD

SHIELD REMOVAL

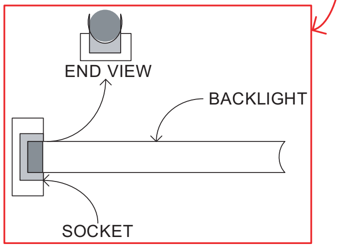
WARNING!

NEVER REMOVE THE SCREWS SECURING THE PLASTIC STRIP HOLDING THE LAMP SOCKETS. DAMAGE TO THE BACKLIGHT TUBES WILL OCCUR!


REMOVE
CONNECTOR AND
PULL BOARD TO
THE RIGHT

INVERTER BOARD REMOVAL

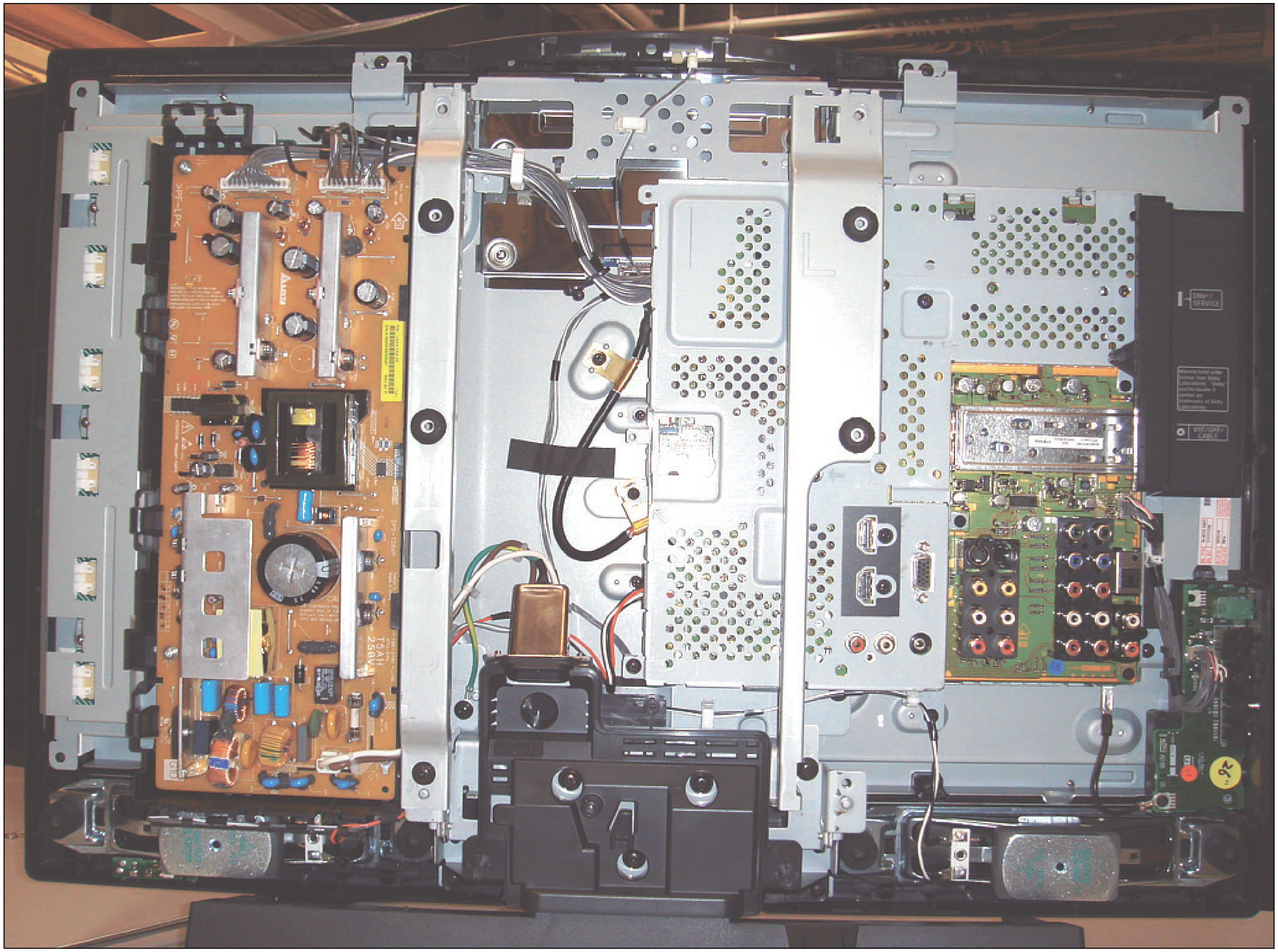
Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement. The example shown is a 32" model but applies to all models.


END VIEW
BACKLIGHT
SOCKET

WIRE DRESSING

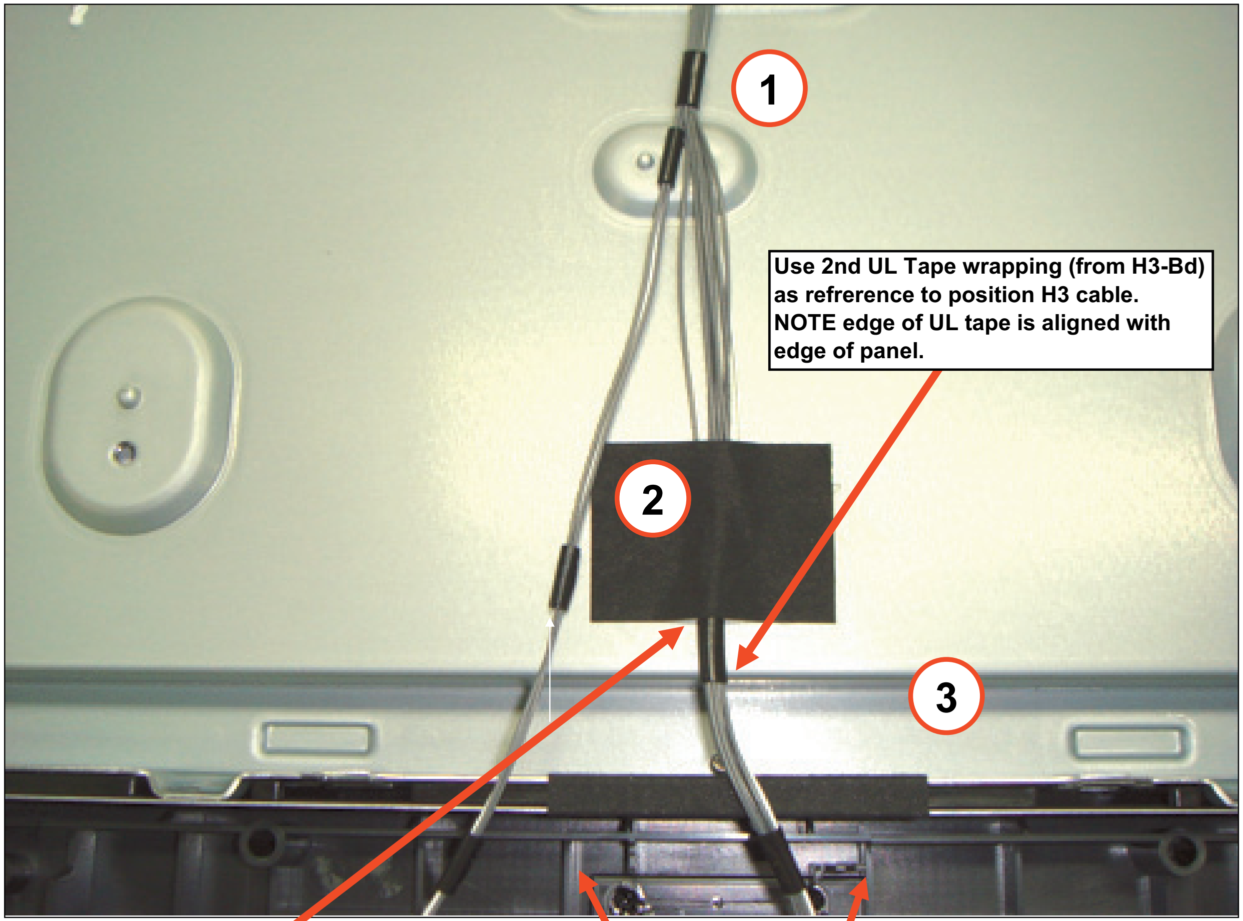
KDL-26S3000 ONLY

OVERALL VIEW



KDL-26S3000 ONLY

H3 BOARD HARNESS



Use 2nd UL Tape wrapping (from H3-Bd) as refrerence to position H3 cable. NOTE edge of UL tape is aligned with edge of panel.

Use UL Tape edge to align Himelon Tape.

Use ribs on bezel as reference to center Sheet Core C when applying to panel edge.

OPERATION PROCESS

1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
   Use ribs on bezel (w/o screw boss) as a guide to center tape.
2. Use 2nd UL Tape on H3-Bd harness to align with edge of panel.

   Apply Cushion D to edge of 2nd UL Tape as shown.

TORQUE SPECIFICATION

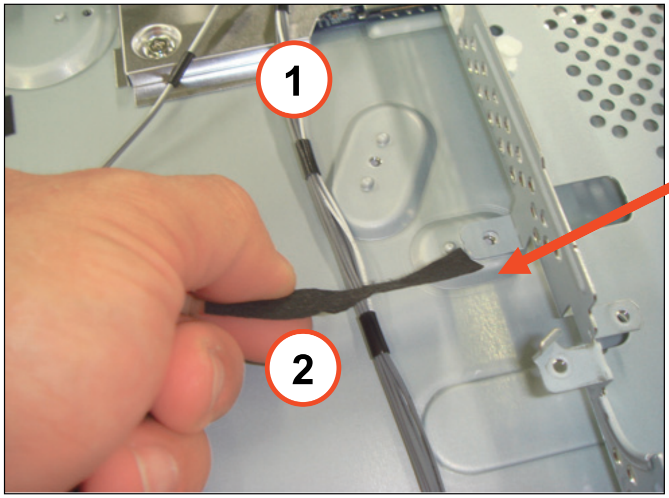
Torque: 0.9（N.m）

KDL-26S3000 ONLY

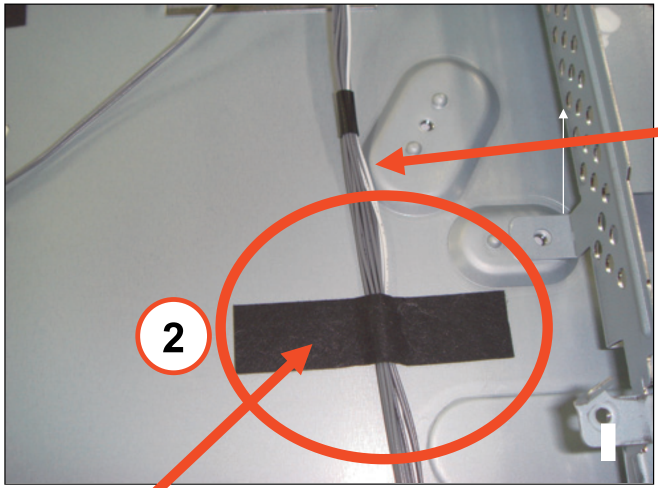
H3 BOARD HARNESS (CONTINUED)

OPERATION PROCESS

1. Apply Sheet Core C as Shown on H3-Bd Harness
2. Make sure wires do not cross over "bumps" in the Panel. LVDS cable will be attached to bumps (with 3x5mm screw-pinch points).



Sheet Core C
Use Panel "bumps" as tape guide.

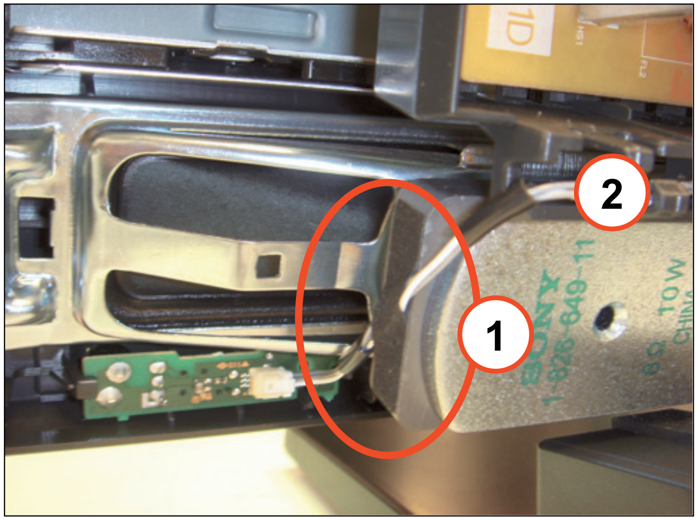


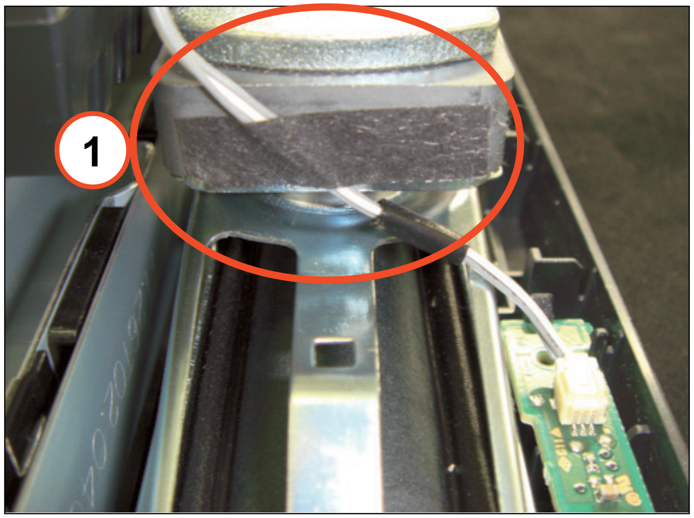
NOTE ROUTING OF THE CABLES. Cables CANNOT cross over top of "bumps" on Panel.

Sheet Core C installed (next to DTT lower shield)

KDL-26S3000 ONLY

H4 BOARD





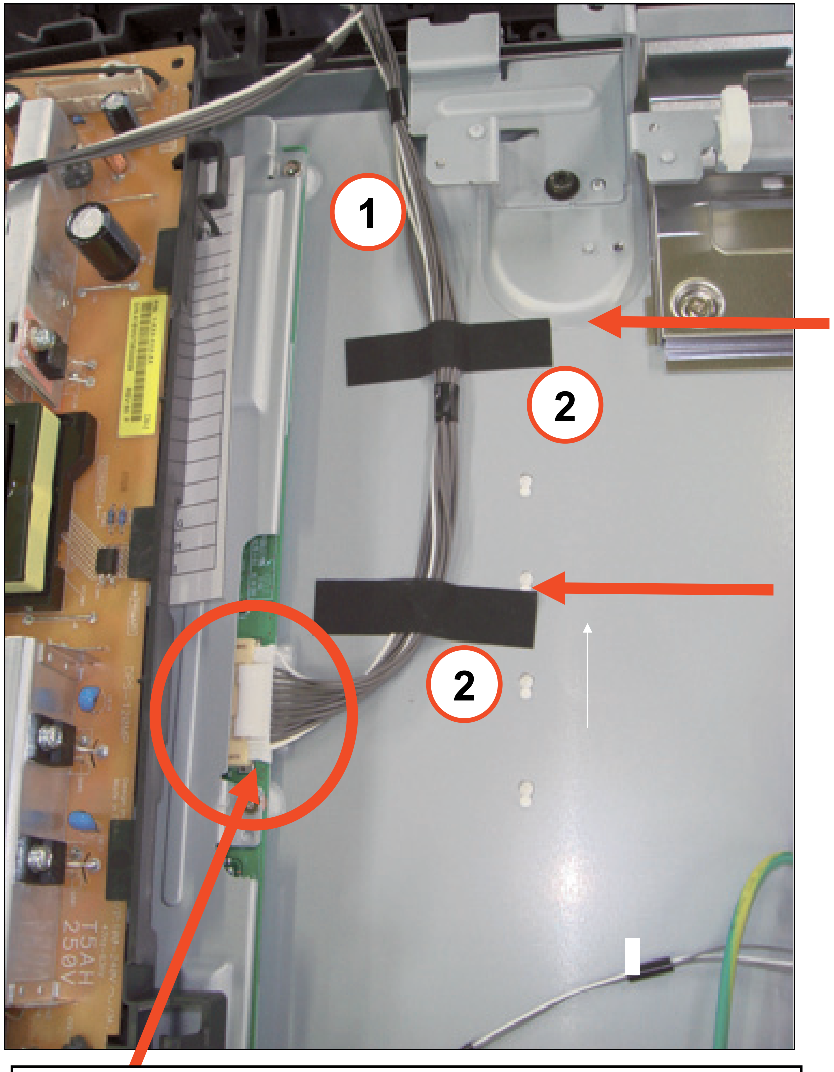
OPERATION PROCESS

1. Install H4-Bd. Be careful to align Plastic clip at bottom of bezel with notch in PWB.

2. Use LCD Tape to hold H4-Bd wires to edge of the RIGHT Speaker.

KDL-26S3000 ONLY

INVERTER CONNECTOR

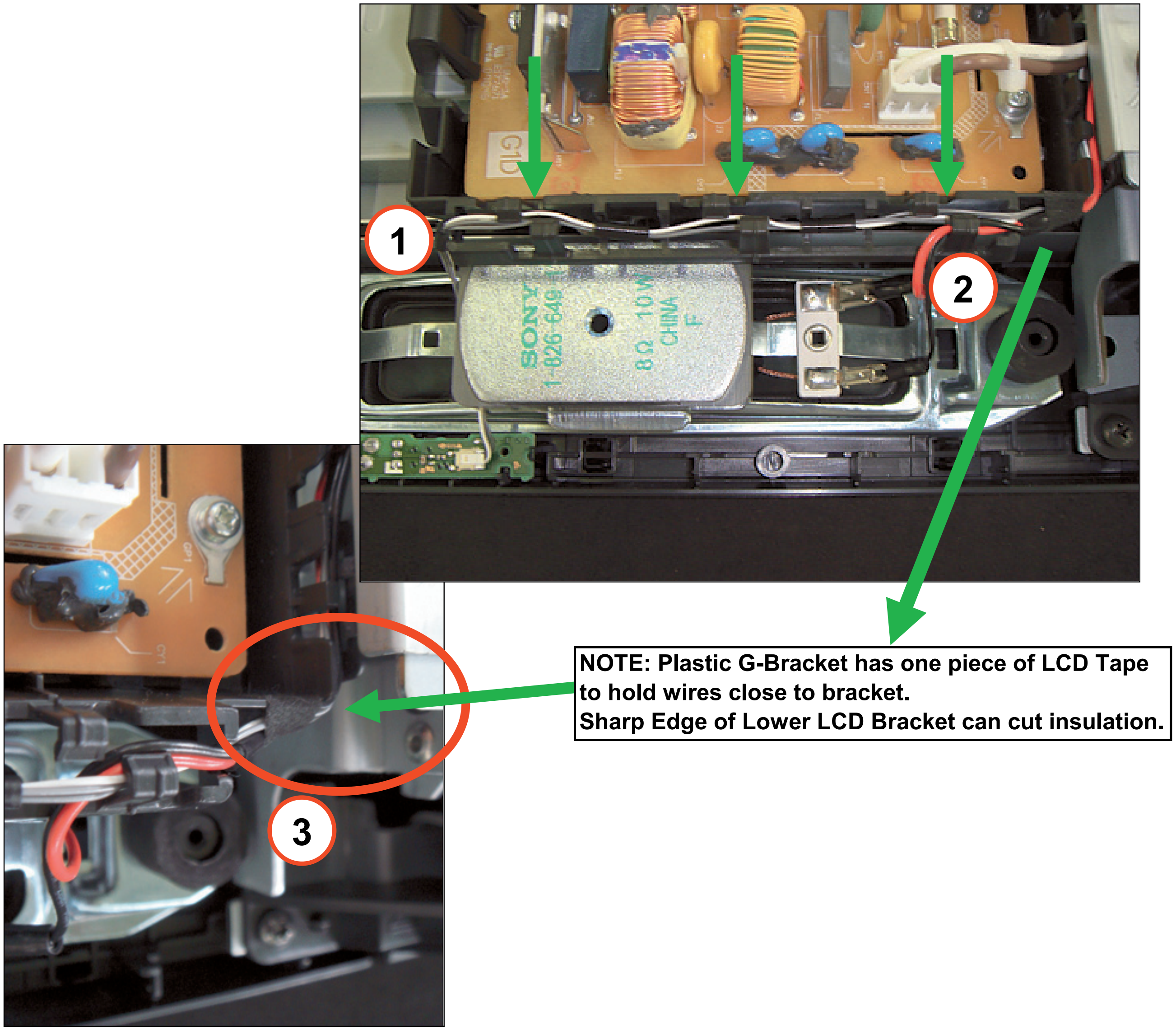


CAUTION: **Make Sure Inverter Connector is Fully LOCKED!**

OPERATION PROCESS
Install/Wire Dress Harnesses as shown. **CAUTION**: Make sure INVERTER CONN. is Fully LOCKED!!

KDL-26S3000 ONLY

H4 BOARD AND RIGHT SPEAKER

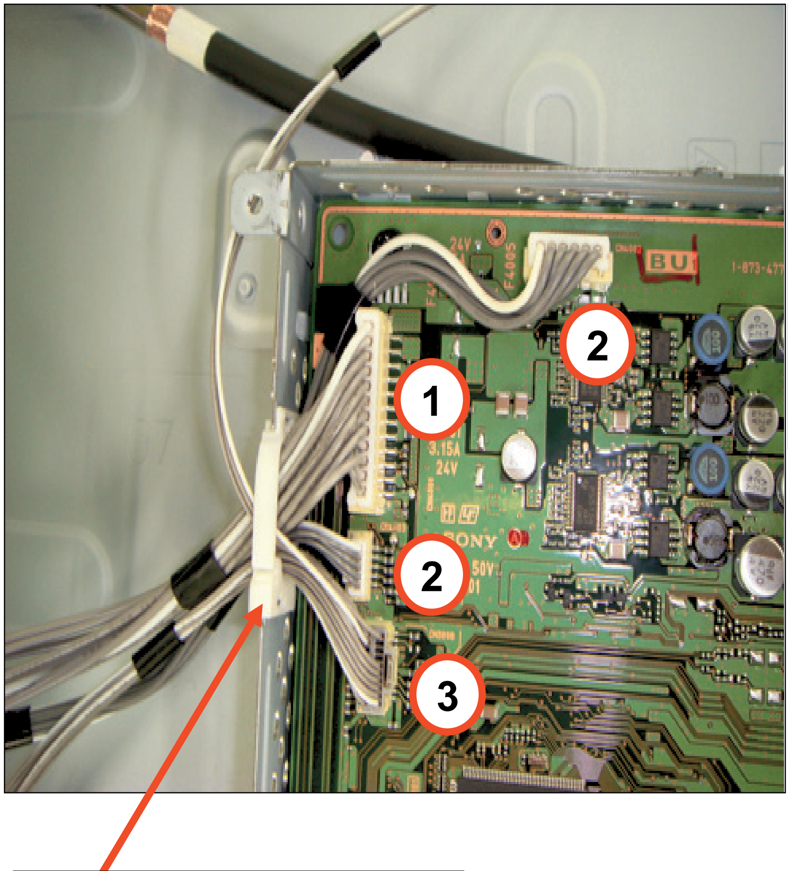


OPERATION PROCESS
Wire Dress Right Speaker wires and H4 cables in G3-Bd clips (green arrows). NOTE: Rt. Spkr. Wires are dressed ONLY in far right clip on G-Bracket Apply LCD Tape to Corner of G-Bracket to keep wires from touching sharp edge of Lower LCD Bracket.

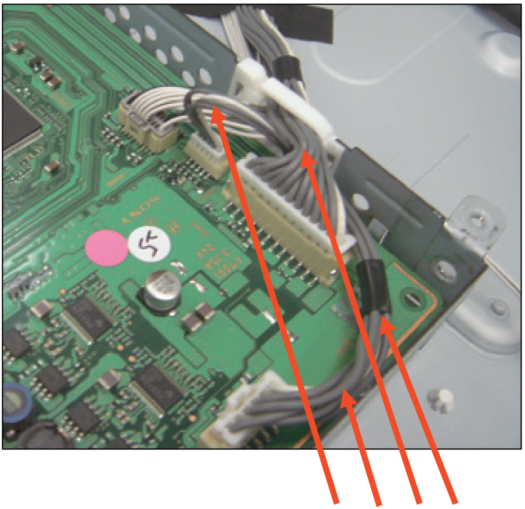
NOTE: Plastic G-Bracket has one piece of LCD Tape to hold wires close to bracket.
Sharp Edge of Lower LCD Bracket can cut insulation.

KDL-26S3000 ONLY

CORE BLOCK HARNESS



NOTE order and direction of cables!

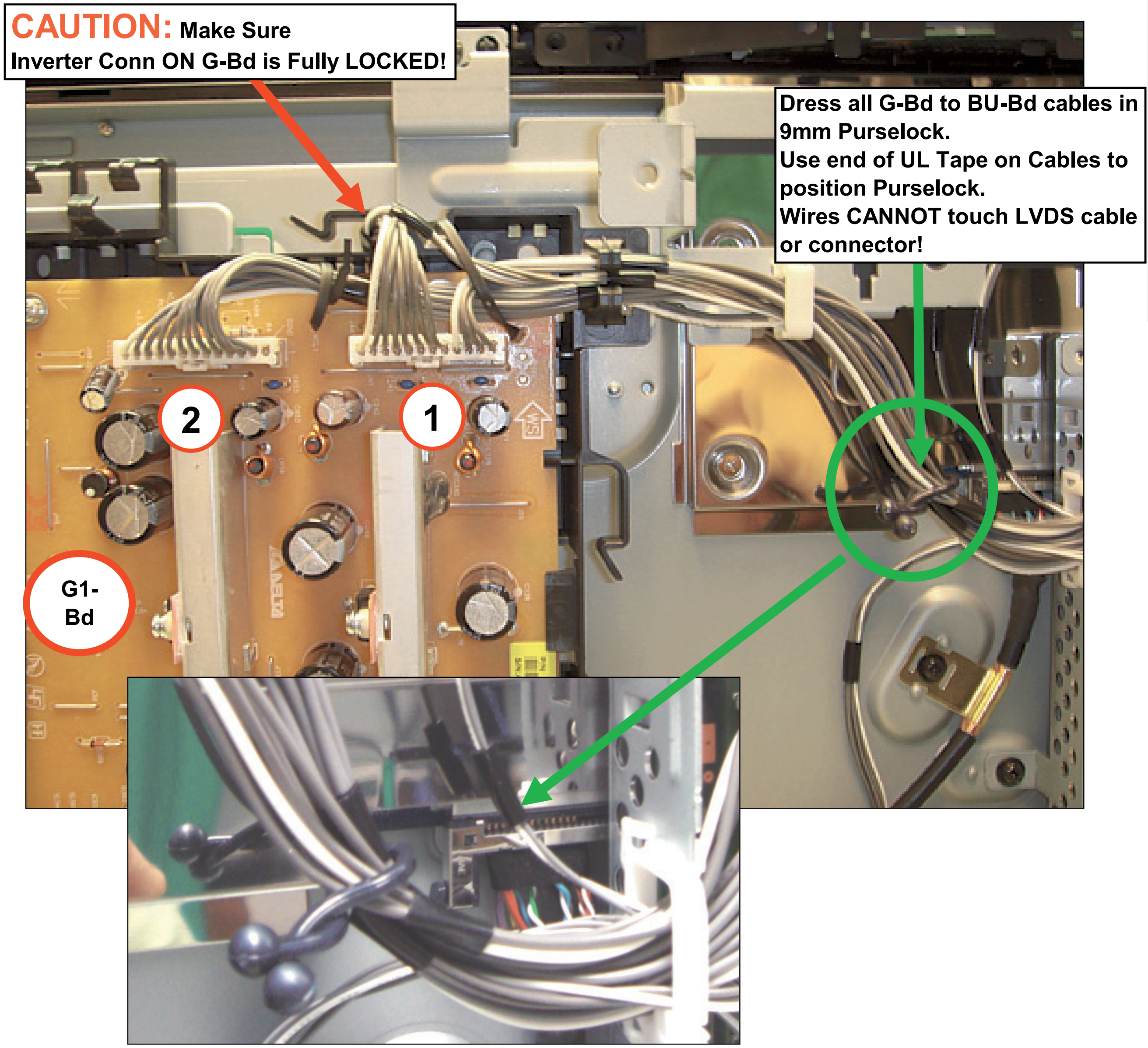


Keep Cables BELOW level of Shield Case (Pinch Points)

OPERATION PROCESS
Route/Dress Harnesses connected to Core Block as Shown NOTE Order & Direction of Cables in plastic Clip on Shield Case.

KDL-26S3000 ONLY

G1D BOARD



CAUTION: Make Sure
Inverter Conn ON G-Bd is Fully LOCKED!

Dress all G-Bd to BU-Bd cables in 9mm Purselock.
Use end of UL Tape on Cables to position Purselock.
Wires CANNOT touch LVDS cable or connector!

OPERATION PROCESS

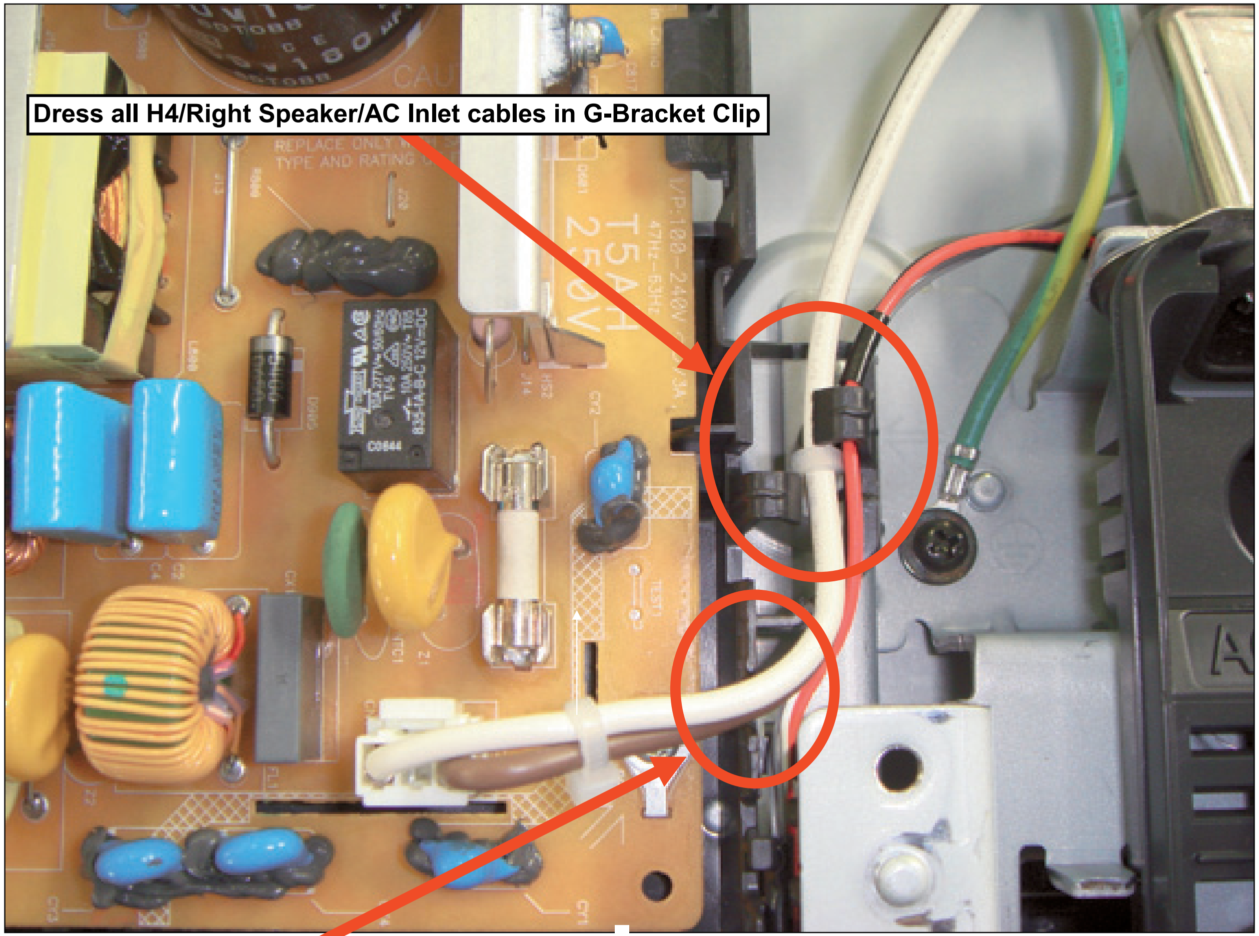
1. Install/Wire Dress Harnesses as shown.

2. **CAUTION**: Make sure INVERTER CONN. is Fully LOCKED!!

   Dress Cables in 9mm Purselock as shown.
   CAUTION: Keep cables from G1-Bd from touching LVDS Cable/Connector.

KDL-26S3000 ONLY

G1D BOARD (CONTINUED)



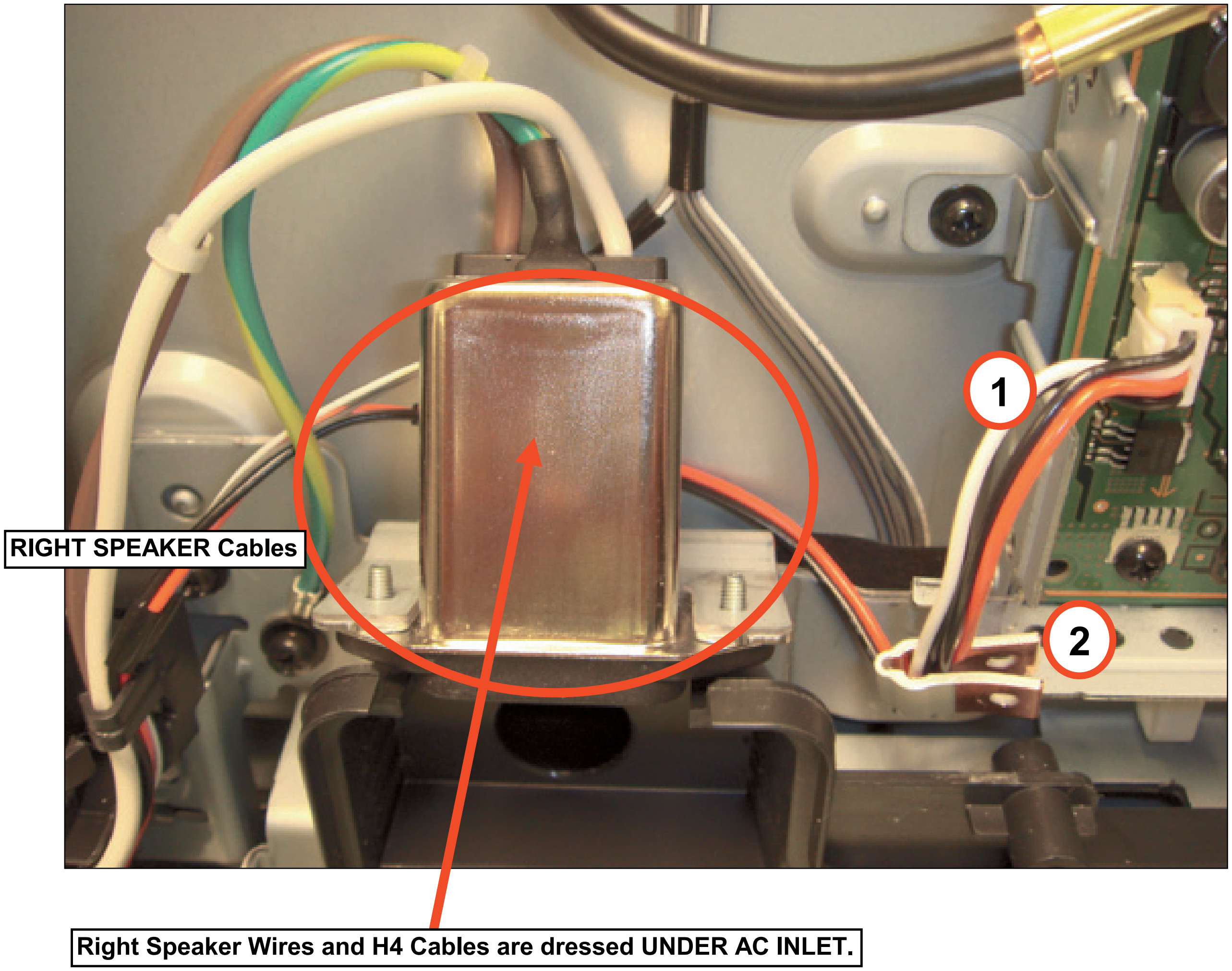
Dress all H4/Right Speaker/AC Inlet cables in G-Bracket Clip

CAUTION: Instruct Operators NOT to push wires in bracket with a lot of force. Cut-out in Bracket design is just to GUIDE wires away from heat-sink. Cut-out is NOT designed to hold wires inside channel securely!! IF Operator pushes on wires while they are in cut-out, damage/cut can occur in insulation.

OPERATION PROCESS
Install AC Inlet Connector and dress as shown. Make Sure Earth GND wire is screwed into Lower LCD Bracket. Dress Right Speaker/H4/AC Inlet cables in G-Bracket Clip.

KDL-26S3000 ONLY

SPEAKER HARNESS

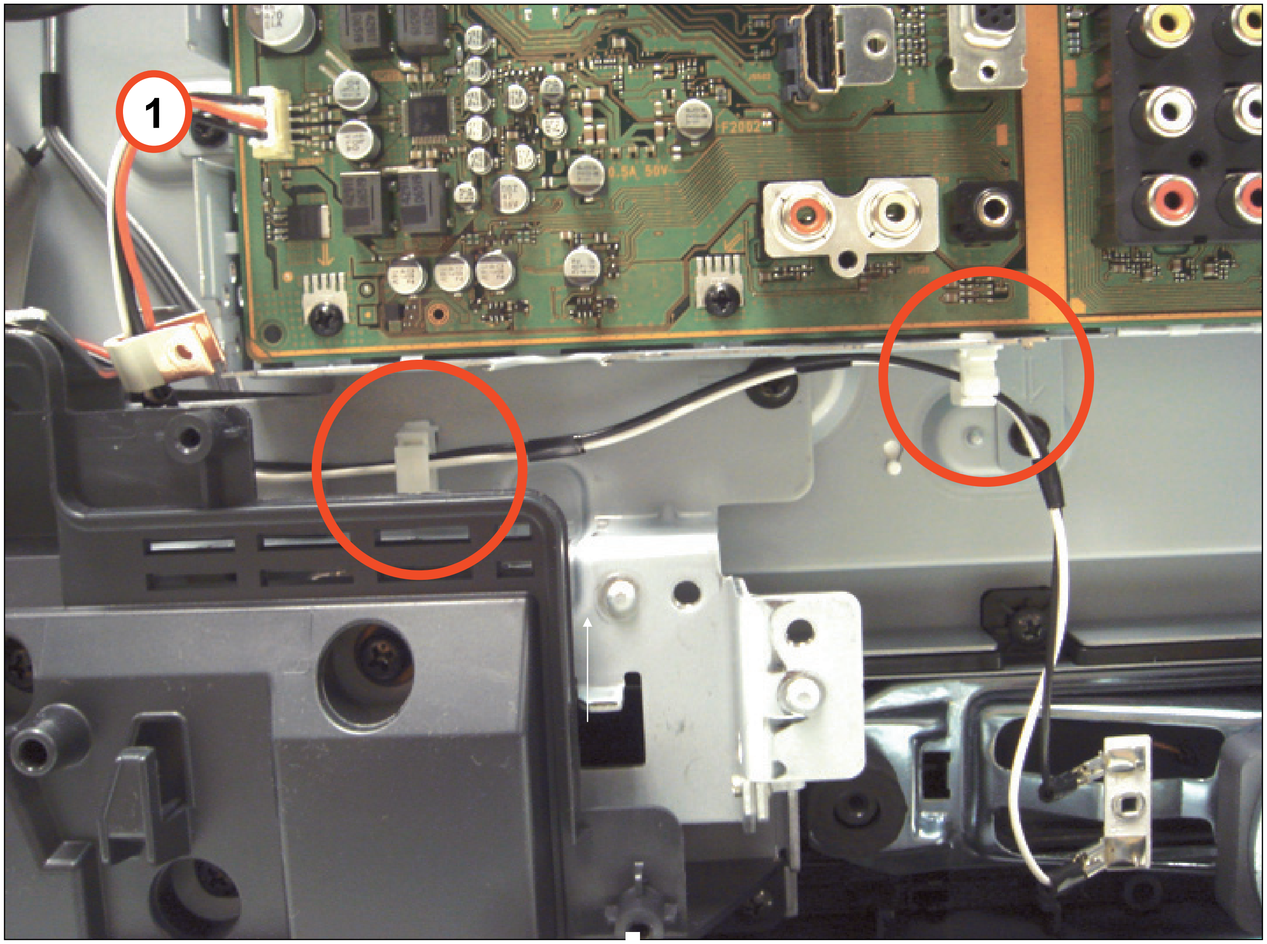


1
2
RIGHT SPEAKER Cables
Right Speaker Wires and H4 Cables are dressed UNDER AC INLET.

OPERATION PROCESS
Wire Dress Speaker Cables as shown. BOTH R/L cables are dressed in FGC-3 conductive clip. Right Speaker wires and H4-Bd cables are dressed UNDER AC Inlet.
TORQUE SPECIFICATION
Torque: 6kg.cm (+-1.0kg.cm)

KDL-26S3000 ONLY

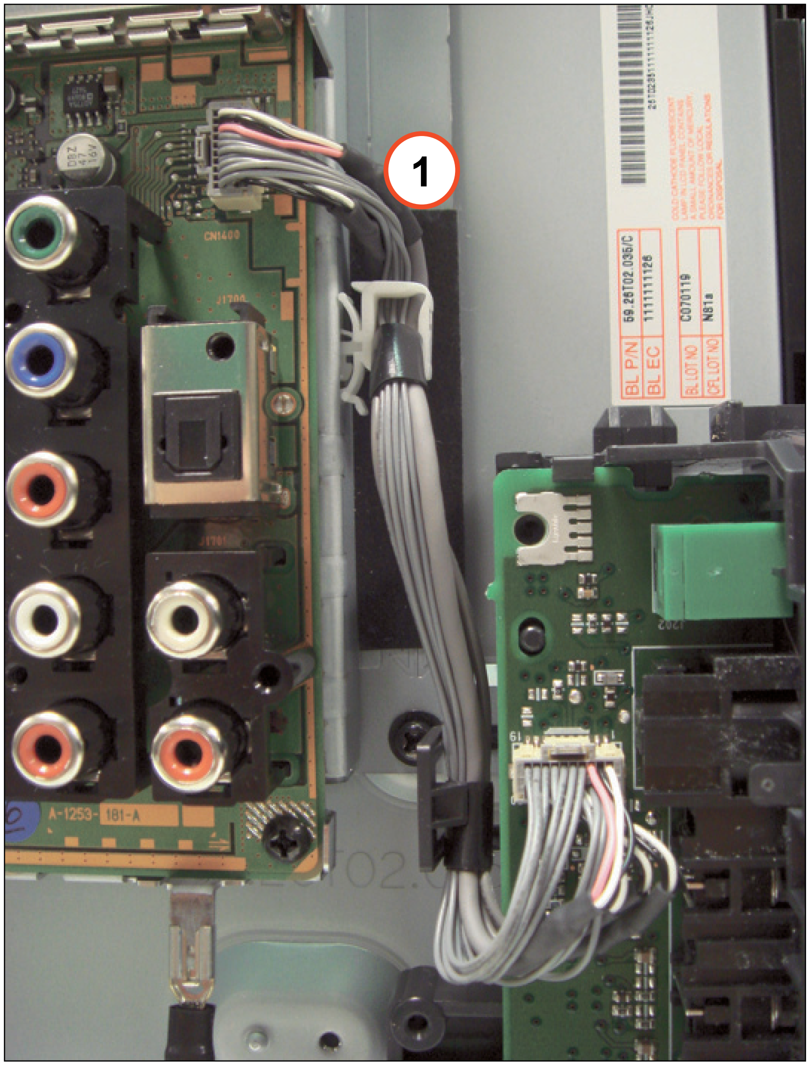
LEFT SPEAKER HARNESS



OPERATION PROCESS
Dress LEFT speaker harness as shown

KDL-26S3000 ONLY

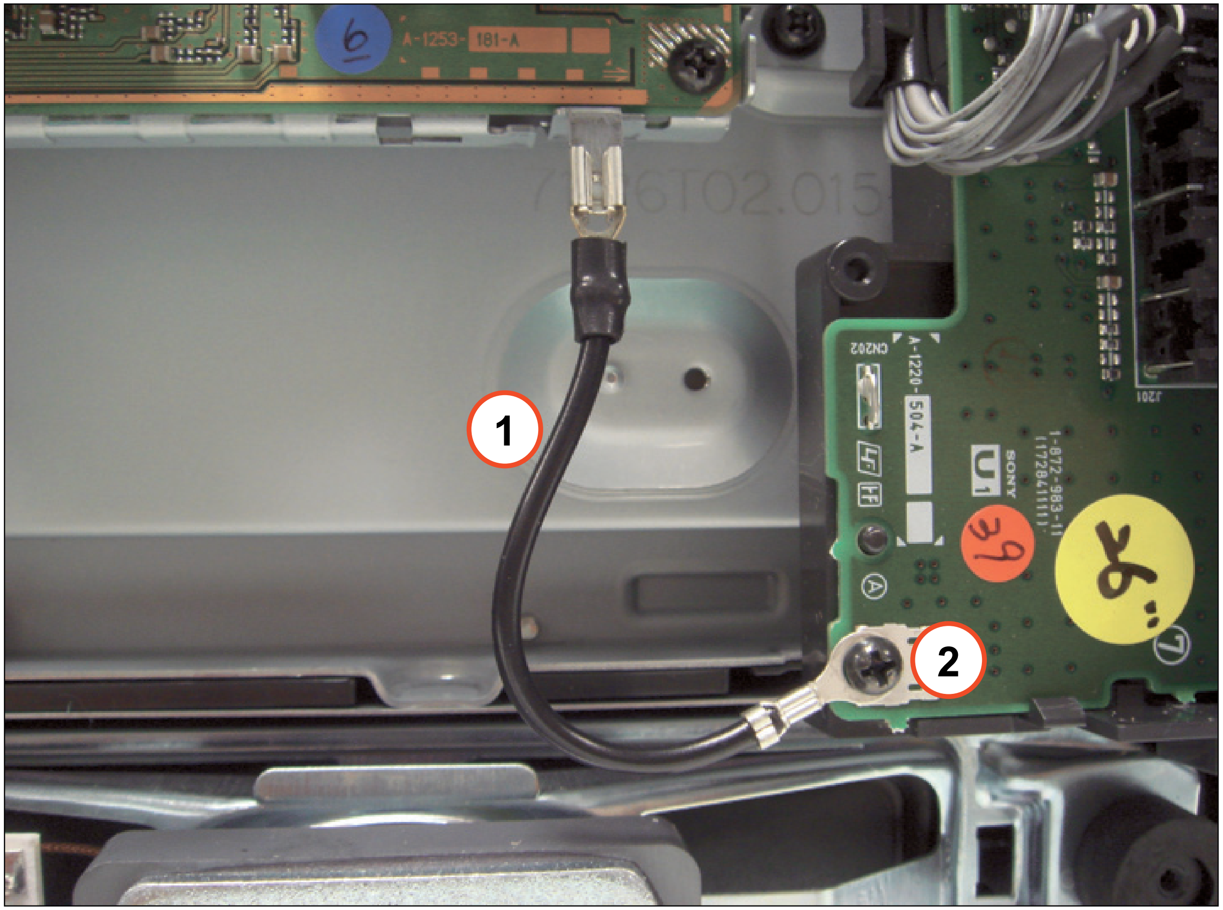
U1 BOARD


1
CN1400
J1700
A-1253-181-A
BL P/N 59.26T02.036/C
BL EC 1111111126
BL LOT NO C070119
CFL LOT NO N81a

OPERATION PROCESS
Wire route/dress 20P U-Bd Harness as shown. Put attention on the DIRECTION of the wires when dressing in clips.

KDL-26S3000 ONLY

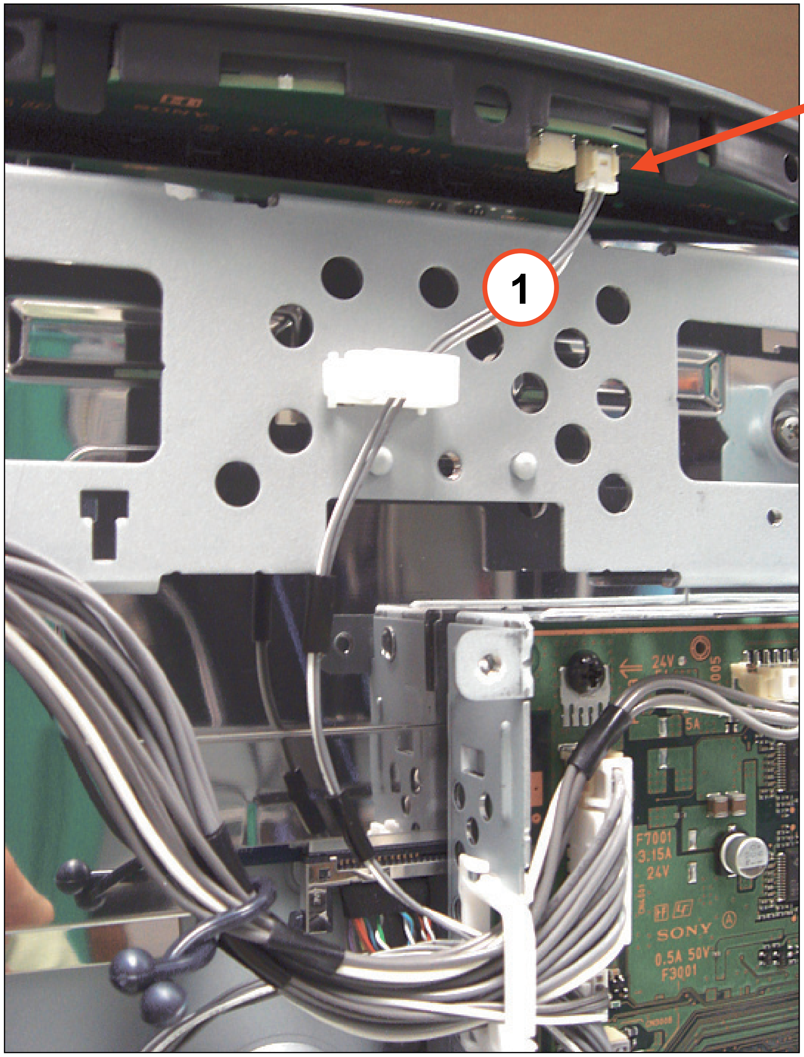
U1 BOARD (CONTINUED)


1
2
A-1253-181-A
6
CN202
A-1220-504-A
SONY
U1
1-872-983-11
J201
39

OPERATION PROCESS
Wire route ESD GND wire as shown (NOTE: Actual Part will have RED insulation) Use 3x12mm screw to fix ring terminal in U1 Bracket
TORQUE SPECIFICATION
Torque: 3mm Screw: 6kg-cm

KDL-26S3000 ONLY

H1 BOARD

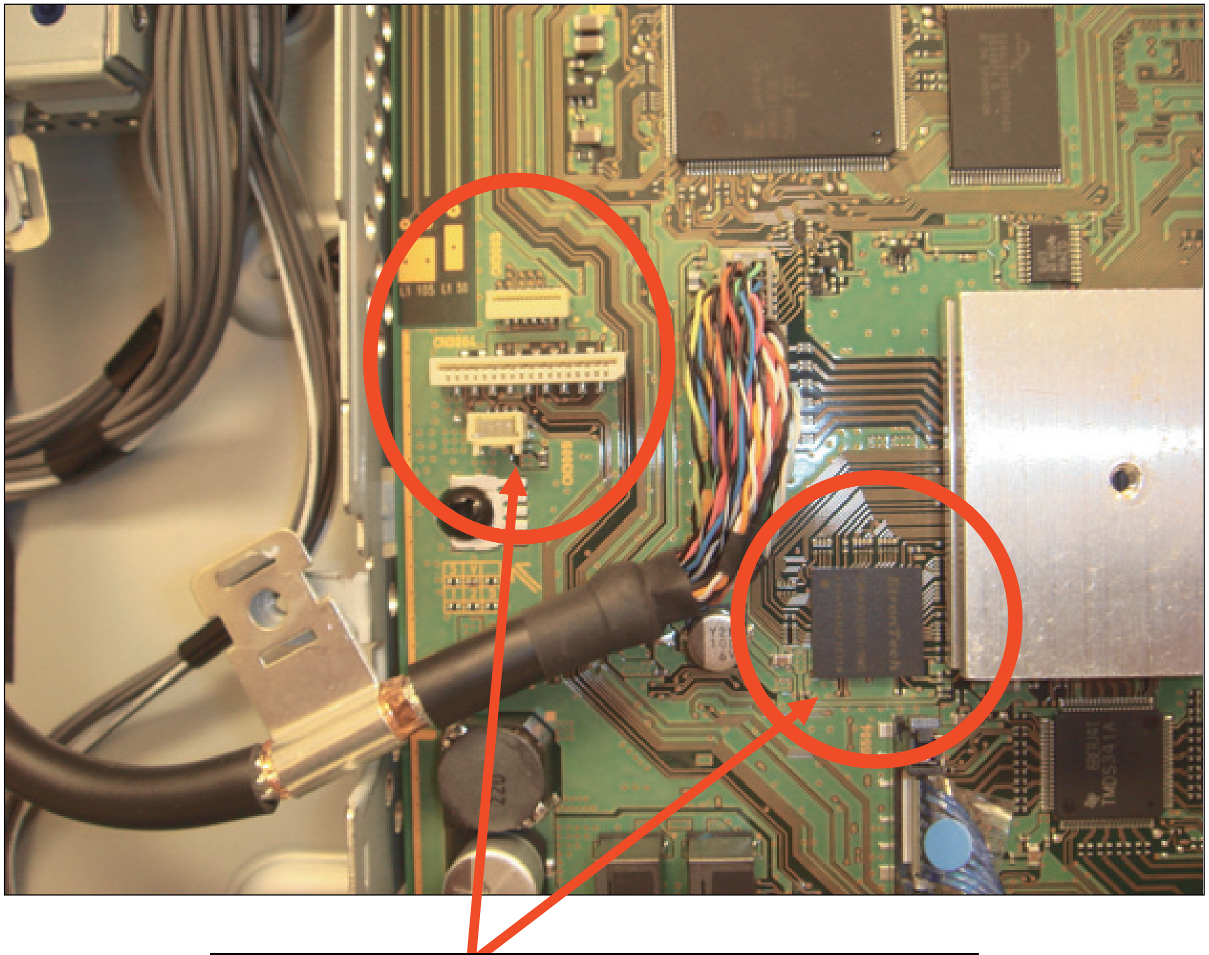

1
24V
5A
F7001
3.15A
24V
SONY
0.5A 50V
F3001

NOTE which connector cables are attached to on H1-Bd.

OPERATION PROCESS
Dress/Route H1-Bd harness as shown on photo. NOTE: Put attention on SLACK of cable.

KDL-26S3000 ONLY

LVDS CABLE

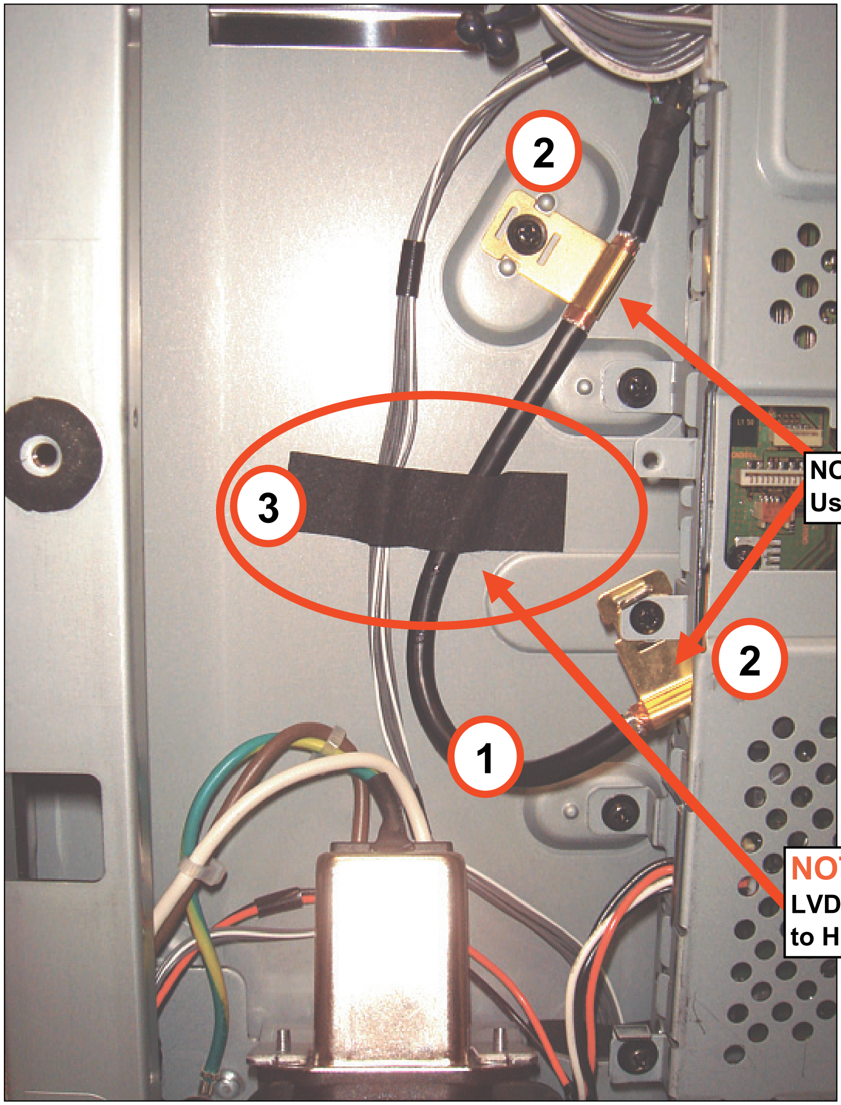


CAUTION: **Keep LVDS Cables AWAY from JIG Connectors and Memory IC.**

OPERATION PROCESS
Route LVDS Harness from BU-Board (CN4500) as shown. CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

KDL-26S3000 ONLY

LVDS CABLE (CONTINUED)



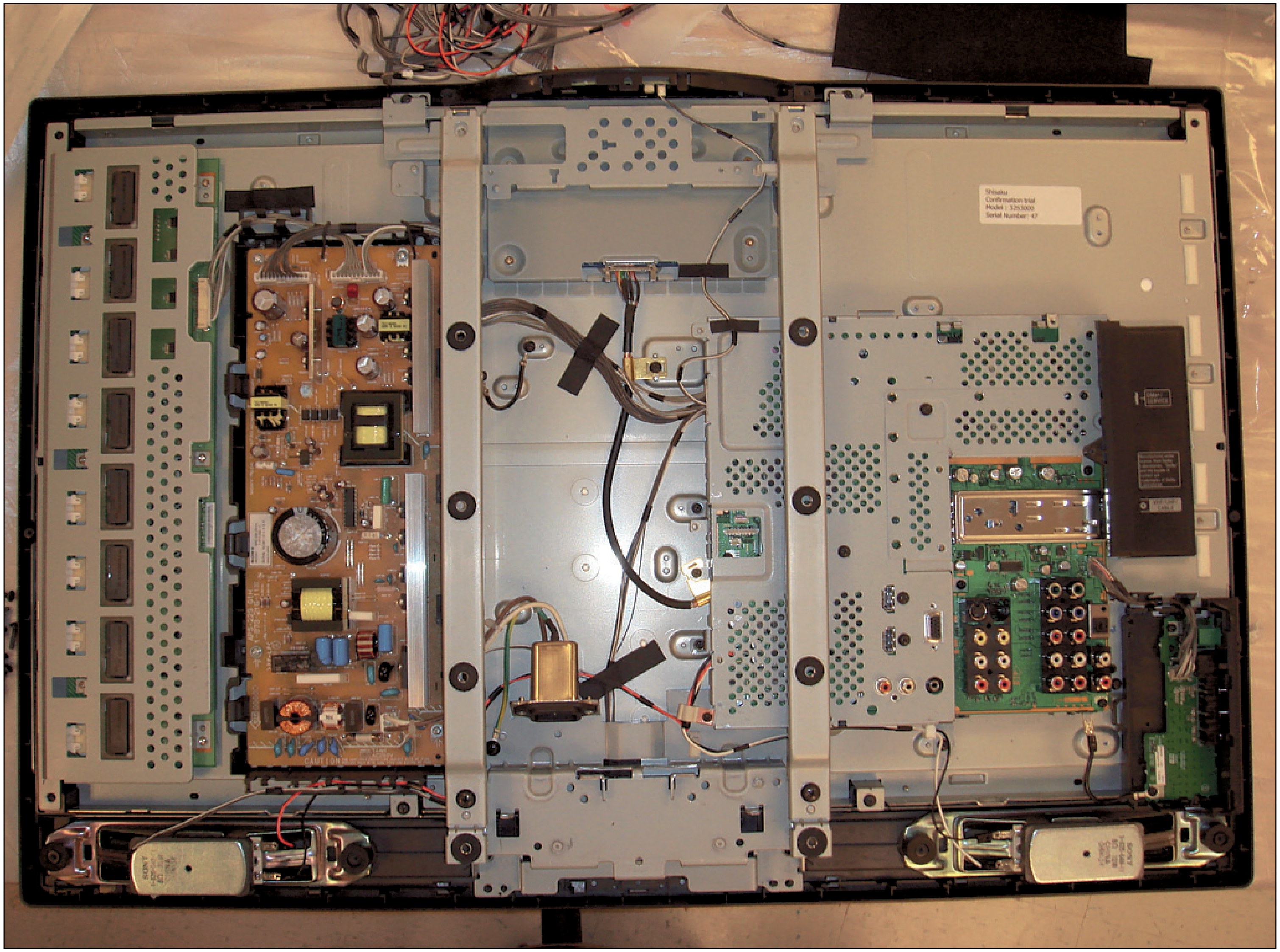
NOTE COLOR of the Ground Tabs (Gold)
Use 3x8mm screws to fix tabs.

NOTE:
LVDS Cable is dressed NEXT to H3 wires w/Sheet Core C!

OPERATION PROCESS
Route LVDS Cable as Shown Put attention to the Cable (ABOVE or BELOW) other cables.
TORQUE SPECIFICATION
Torque: 3mm Screw: 6kg-cm

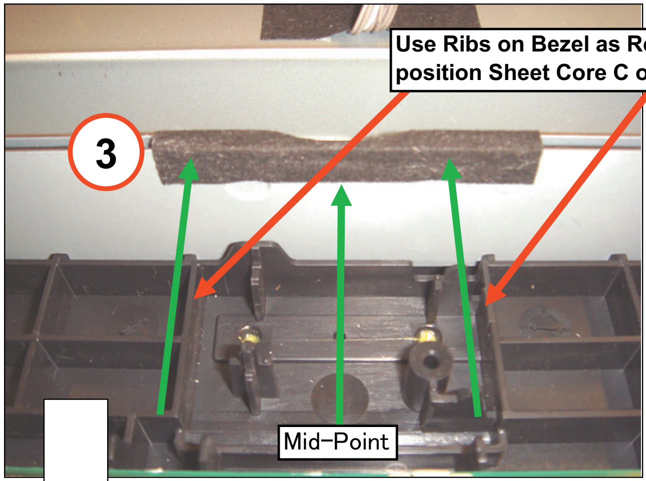
KDL-32S3000 ONLY

OVERALL VIEW

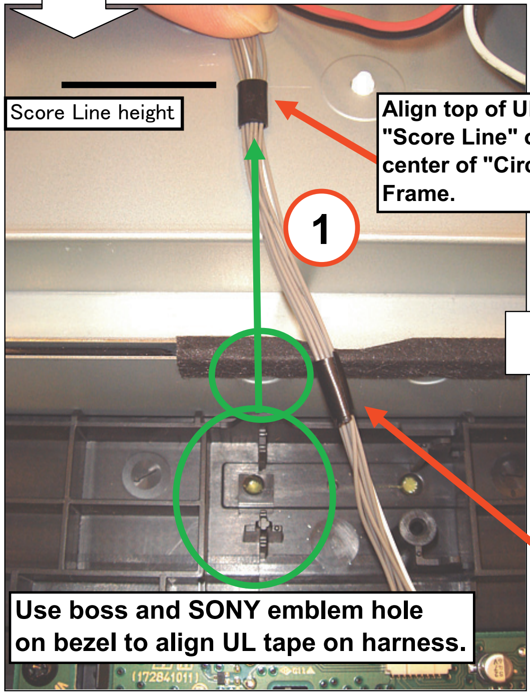


KDL-32S3000 ONLY

H3 BOARD HARNESS



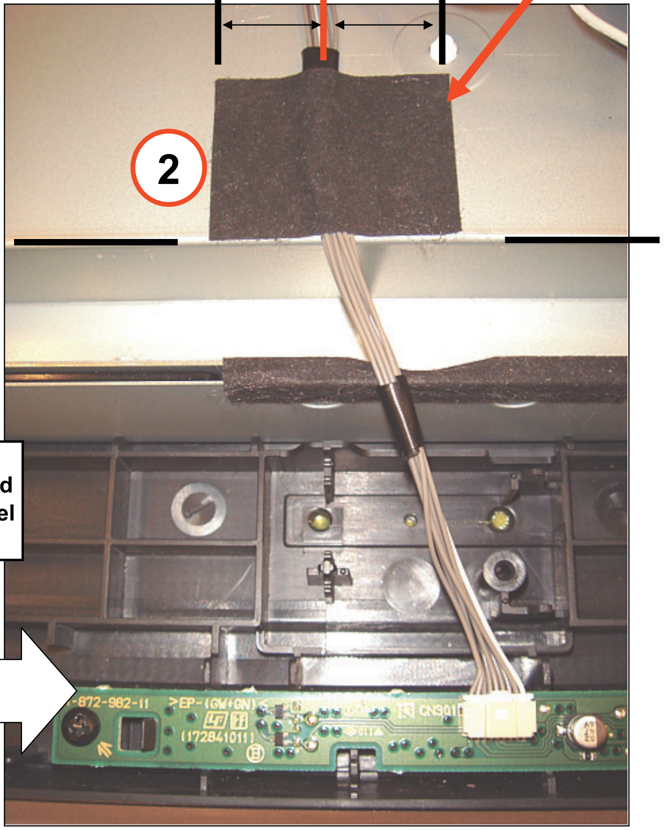
Use Ribs on Bezel as Reference to position Sheet Core C on Panel edge.



Align top of UL tape with "Score Line" on Panel and center of "Circle" on Panel Frame.

Use boss and SONY emblem hole on bezel to align UL tape on harness.

Make sure 1st tape is below himelon tape on panel edge.



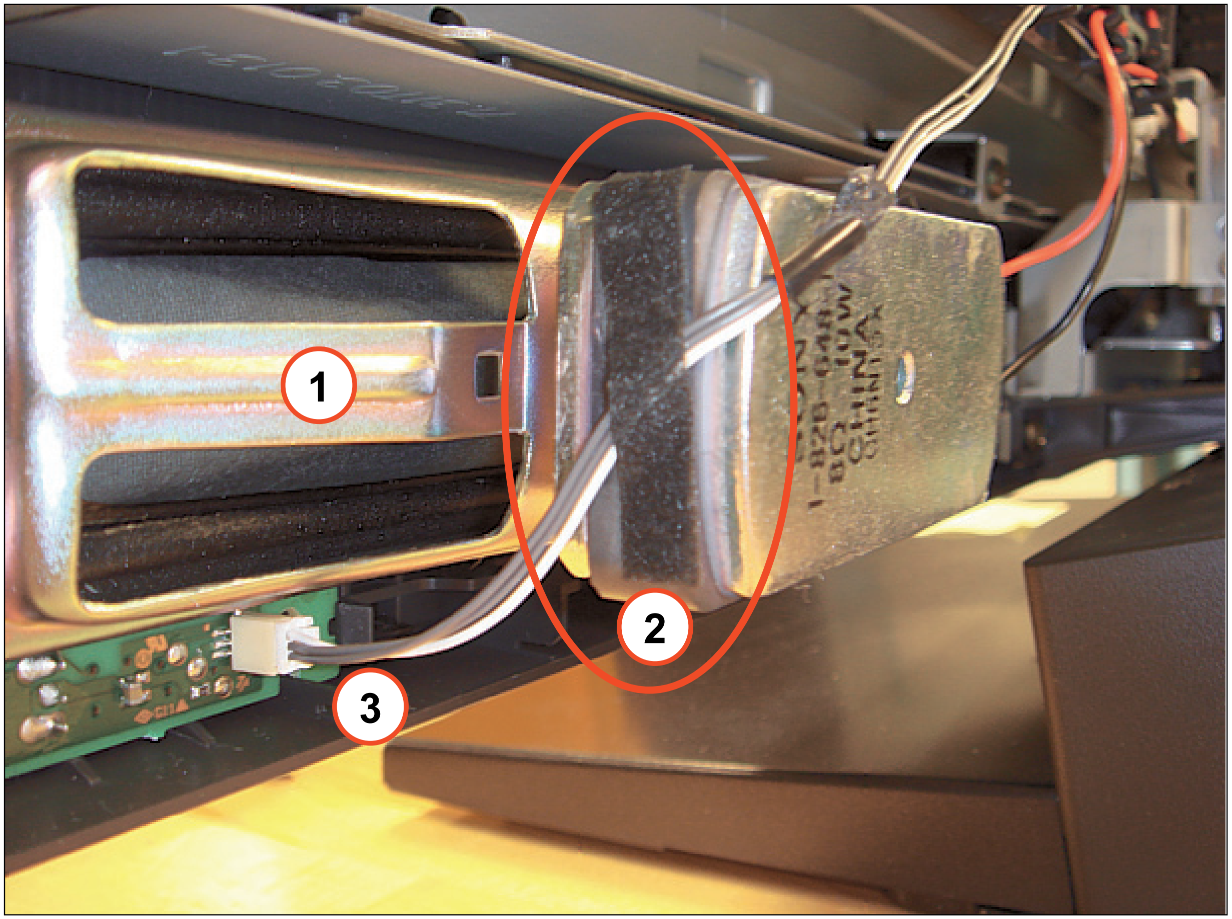
Center Cushion D over Wires. Align Cushion D w/edge of panel.

OPERATION PROCESS

1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
2. Align H3 harness as shown in photo. Take caution not to create tension on the H3 connector! Connector will unlock.
3. Apply Cushion D as shown in 3rd photo.

KDL-32S3000 ONLY

H4 BOARD



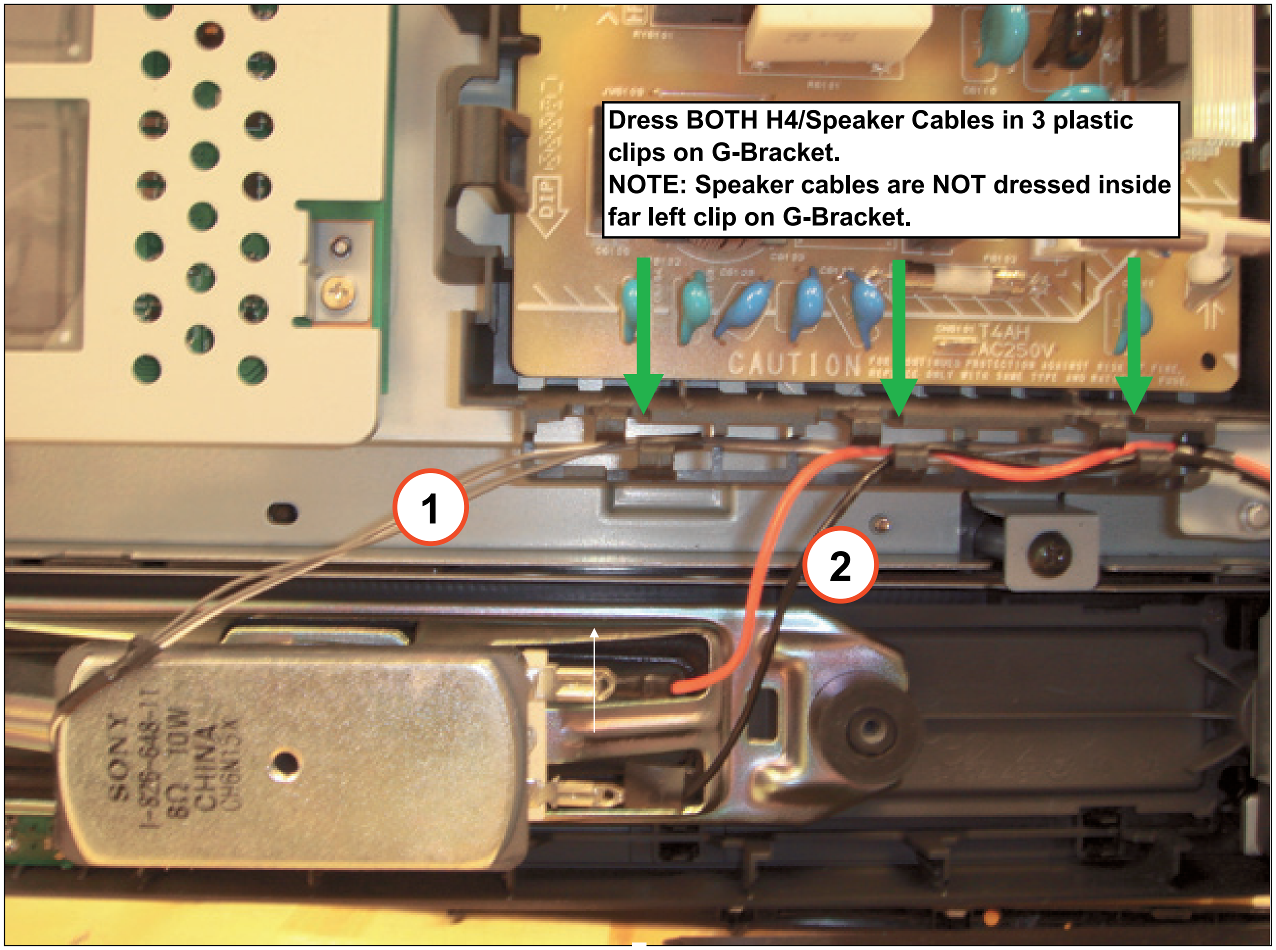
OPERATION PROCESS

1. Install H4-Bd BEFORE Installing the speakers/baffles.
2. Apply LCD Tape on SIDE of the magnet on Rt. Speaker to hold the H4 Cables.
3. MAKE SURE there is slack in the cable between the H4 Connector and LCD Tape. Tension on the cable will cause the Connector to lift or break.

×

KDL-32S3000 ONLY

H4 BOARD AND RIGHT SPEAKER



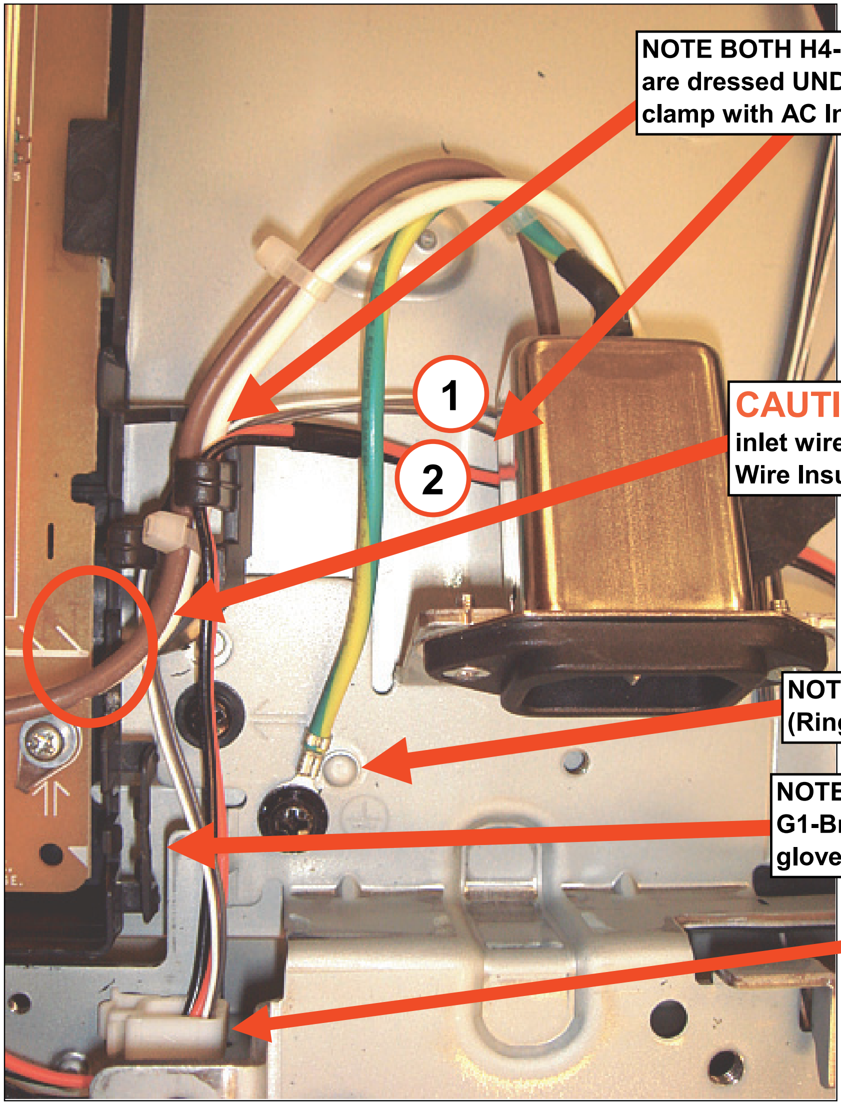
Dress BOTH H4/Speaker Cables in 3 plastic clips on G-Bracket.
NOTE: Speaker cables are NOT dressed inside far left clip on G-Bracket.

OPERATION PROCESS

Wire Dress Rt. Speaker wires and H4 cables in G-Bracket clips (x3)
NOTE: Rt. Spkr. Wires are NOT dressed in far LEFT G-Bracket clip!

KDL-32S3000 ONLY

H4 BOARD AND RIGHT SPEAKER (CONTINUED)



NOTE BOTH H4-Bd and Rt. Speaker cables are dressed UNDER AC Inlet and in G-Brkt clamp with AC Inlet Wires.

CAUTION: DO NOT Push hard on AC inlet wires after routing inside G1 bracket!! Wire Insulation can be CUT by plastic edges!

NOTE Angle of Earth Gnd. Wire. (Ring terminal touches "dimple" on plate)

NOTE Wires NOT dressed in small clip on G1-Bracket. (Too difficult to dress with gloves over hands)

NOTE: H4-Bd/Right Speaker cables DRESSED INSIDE in plastic clip. CLIP NOT ELIMNATED!!

OPERATION PROCESS

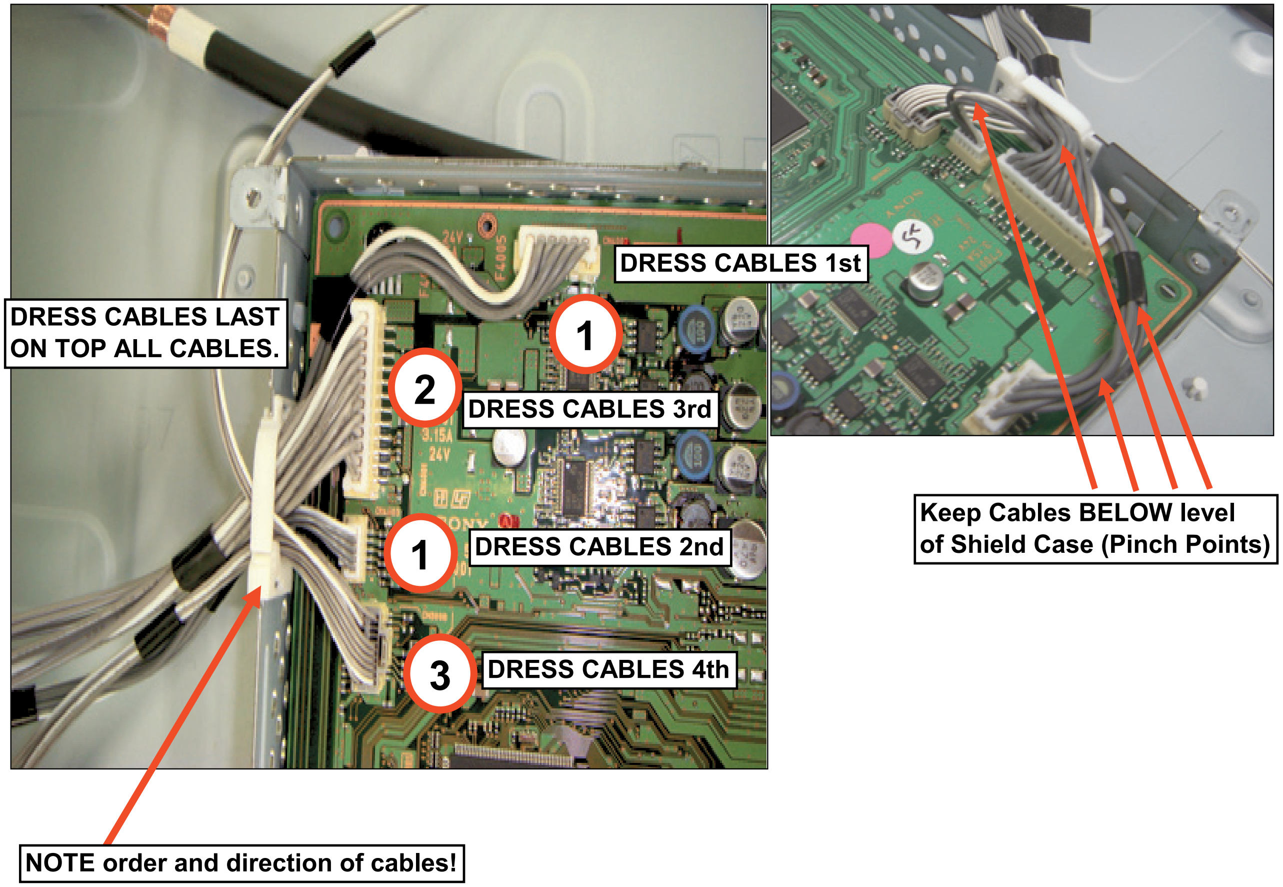
1. Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clip (black).

   NOTE: H4-Bd/Rt. Speaker cables are dressed UNDER AC Inlet.

2. Dress AC Inlet cables as shown.
   Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)

KDL-32S3000 ONLY

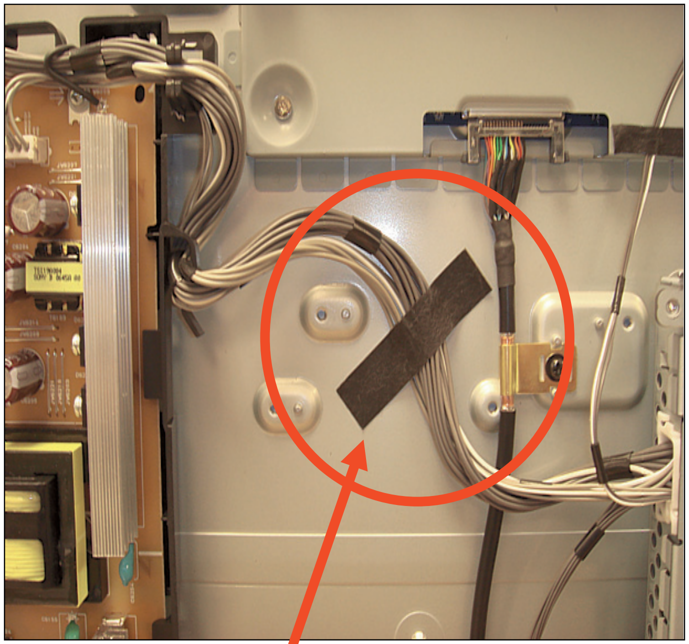
CORE BLOCK HARNESS


DRESS CABLES LAST ON TOP ALL CABLES.
DRESS CABLES 1st
1
2
DRESS CABLES 3rd
1
DRESS CABLES 2nd
3
DRESS CABLES 4th
NOTE order and direction of cables!
Keep Cables BELOW level of Shield Case (Pinch Points)

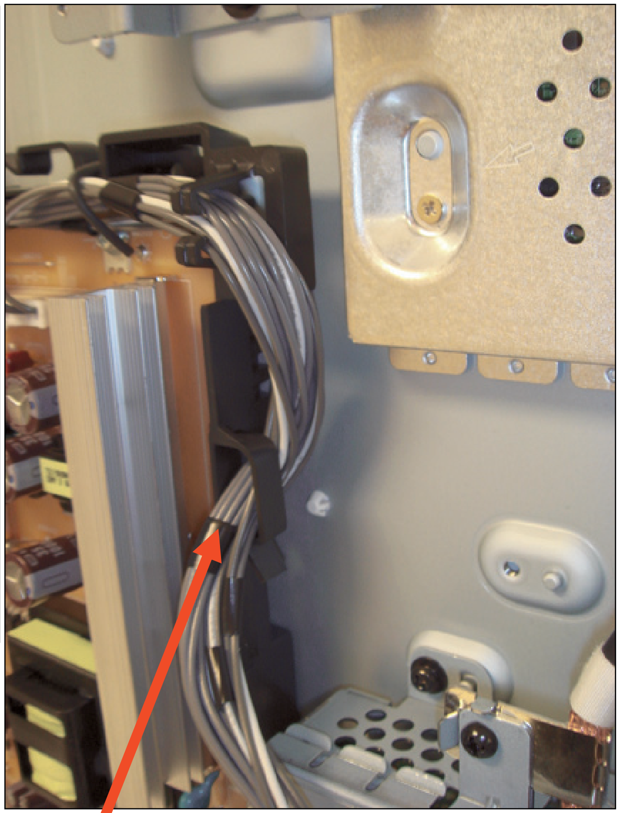
OPERATION PROCESS
Route/Dress Harnesses connected to Core Block as Shown NOTE Order & Direction of Cables in plastic Clip on Shield Case.

KDL-32S3000 ONLY

CORE BLOCK HARNESS (CONTINUED)



NOTE Routing of cables and position of Sheet Core C.

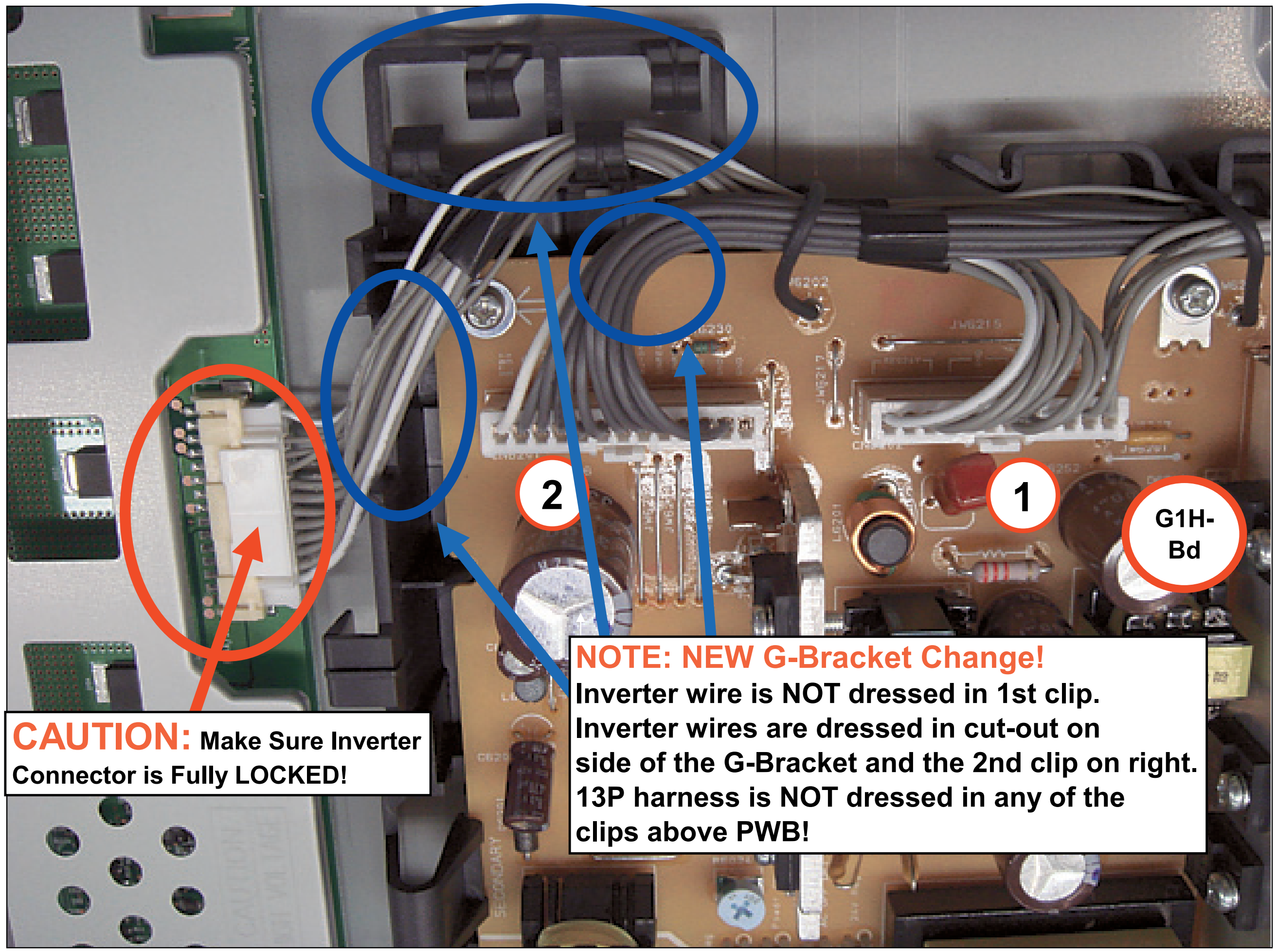


NOTE direction of wires dressed in G-Bracket.

OPERATION PROCESS
Route/Dress Core-Block cables as shown Put Attention on DIRECTION of cables in G-Bracket. Put Attention on the position of the Sheet Core C and routing of the Cables between Core Block and G1-Bracket.

KDL-32S3000 ONLY

G1H BOARD



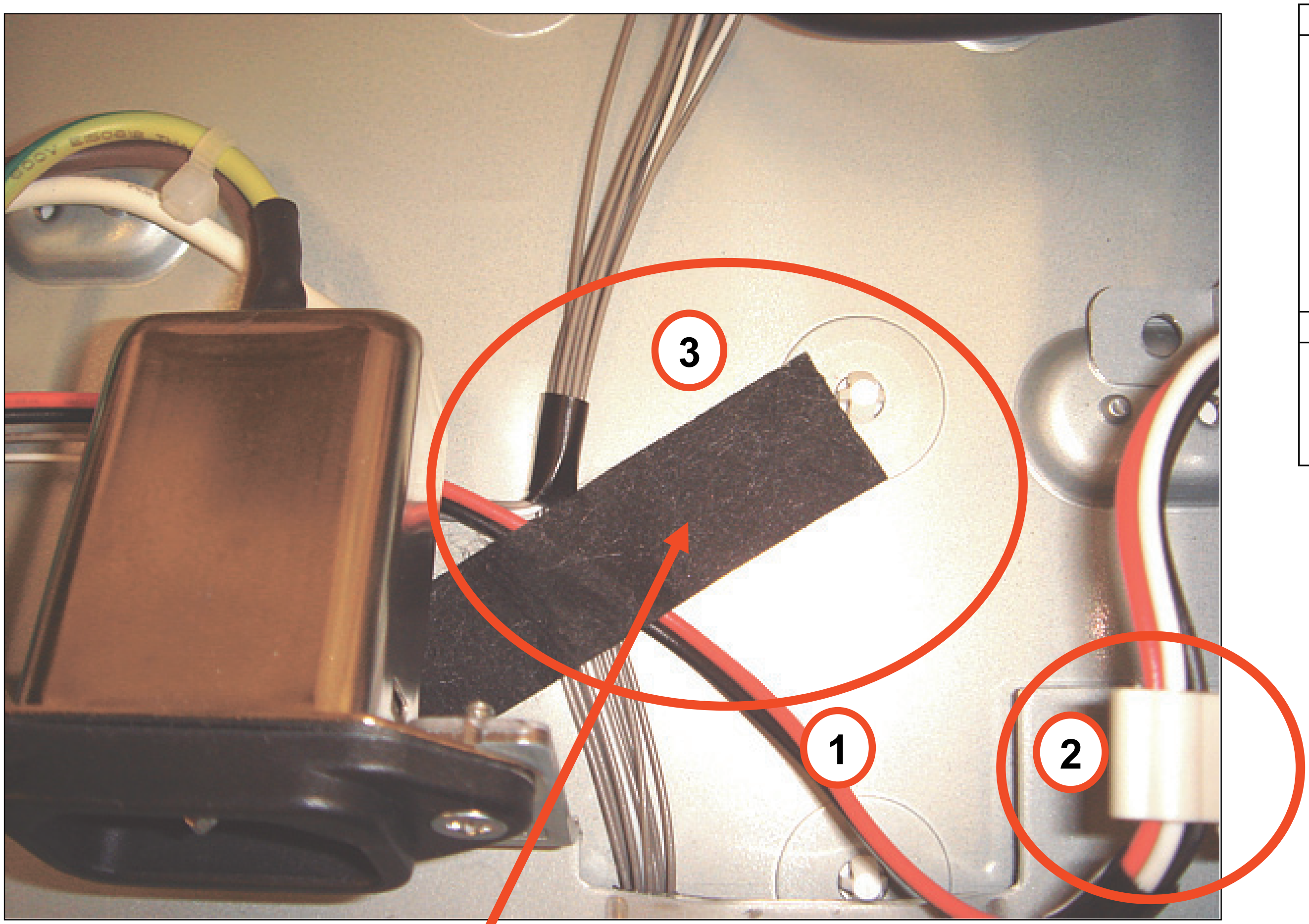
CAUTION: Make Sure Inverter Connector is Fully LOCKED!

NOTE: NEW G-Bracket Change!
Inverter wire is NOT dressed in 1st clip.
Inverter wires are dressed in cut-out on side of the G-Bracket and the 2nd clip on right.
13P harness is NOT dressed in any of the clips above PWB!

OPERATION PROCESS
Install/Wire Dress Harnesses as shown. **CAUTION**: Make sure INVERTER CONN. is Fully LOCKED!!

KDL-32S3000 ONLY

SPEAKER HARNESS



Apply Sheet Core C to BOTH H4/H3 AND Right Speaker Wires.
Align edge of tape with White Plastic Peg On Panel.

OPERATION PROCESS

1. Wire Dress Speaker Cables as shown.
2. BOTH R/L cables are dressed in FGC-3 conductive clip.
3. Apply LCD TAPE to BOTH H4-Bd AND Right Speaker Wires.

TORQUE SPECIFICATION

TORQUE: 6kg.cm (+-1.0kg.cm)

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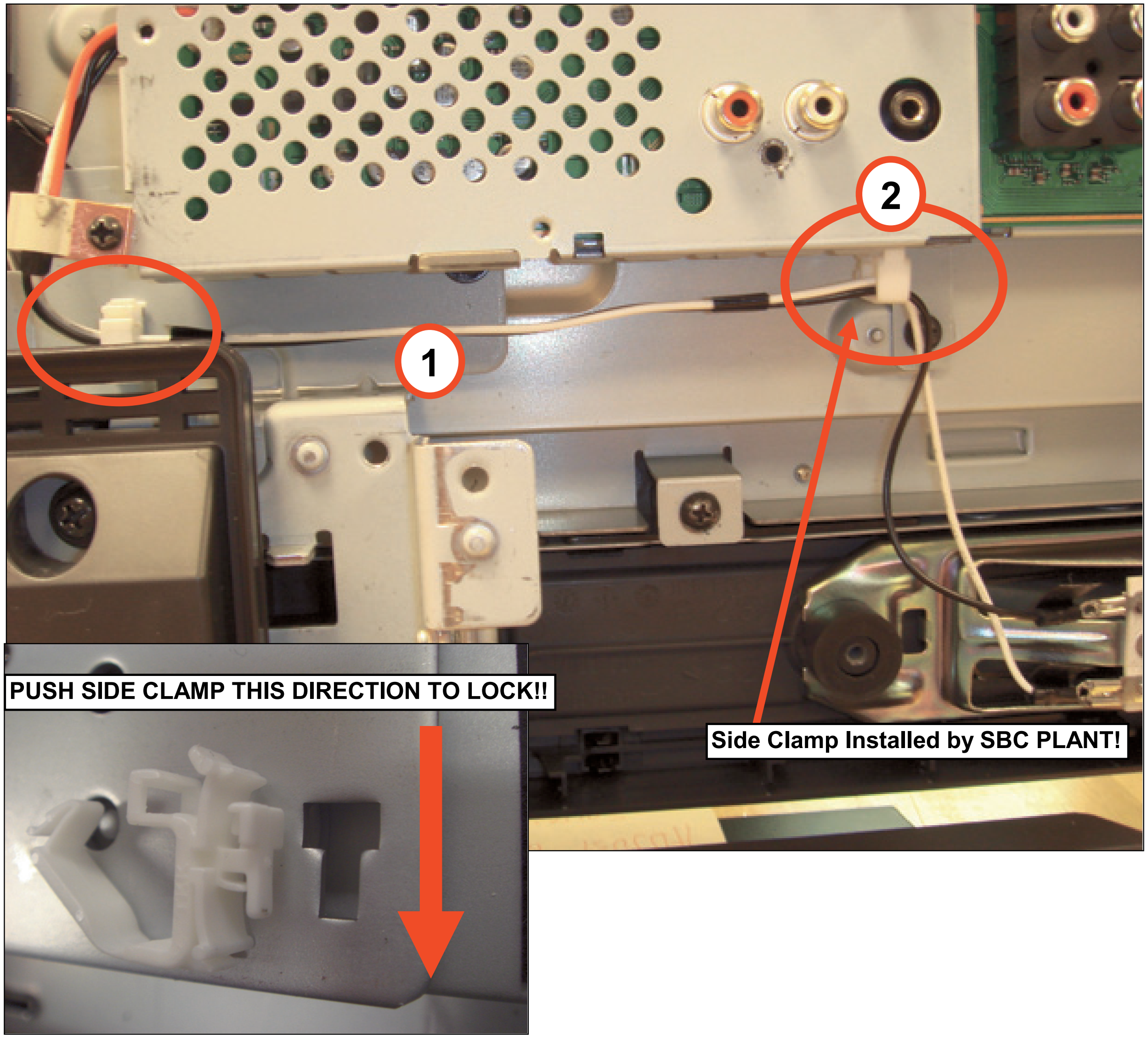
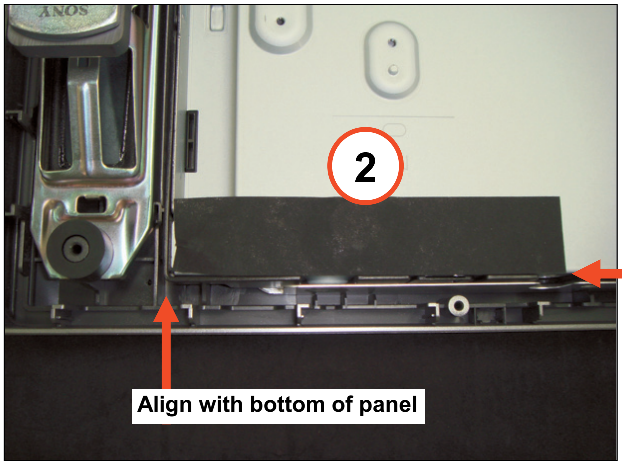
LEFT SPEAKER HARNESS


1
2
PUSH SIDE CLAMP THIS DIRECTION TO LOCK!!
Side Clamp Installed by SBC PLANT!

OPERATION PROCESS
Dress LEFT speaker harness as shown

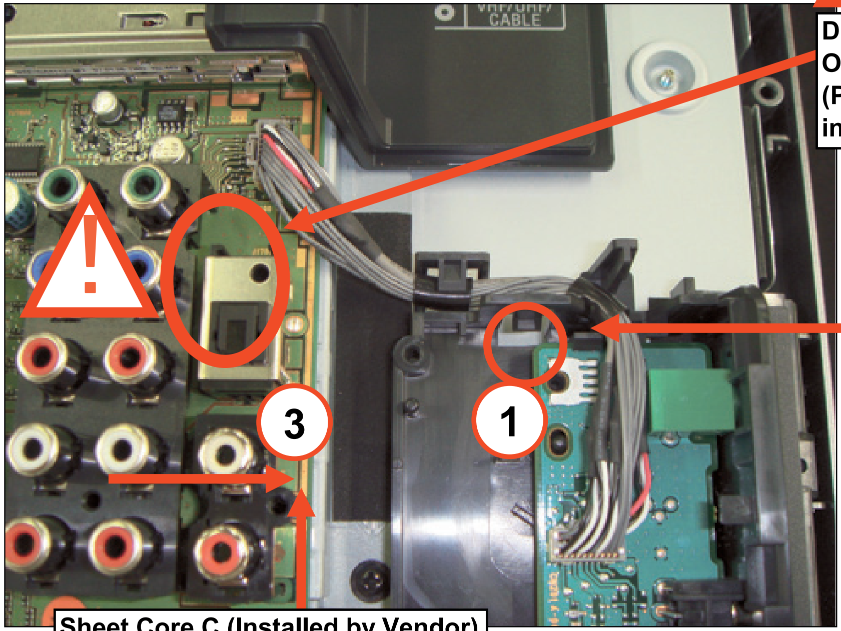
KDL-32S3000 ONLY

U1 BOARD



Align side edge of panel

Align with bottom of panel



DO NOT Cross wires over Optical Output Connector (Pinch Point when Rr. Cover is installed).

3/4/2007 LATE CHANGE:
ADD 3x12mm SCREW Here.

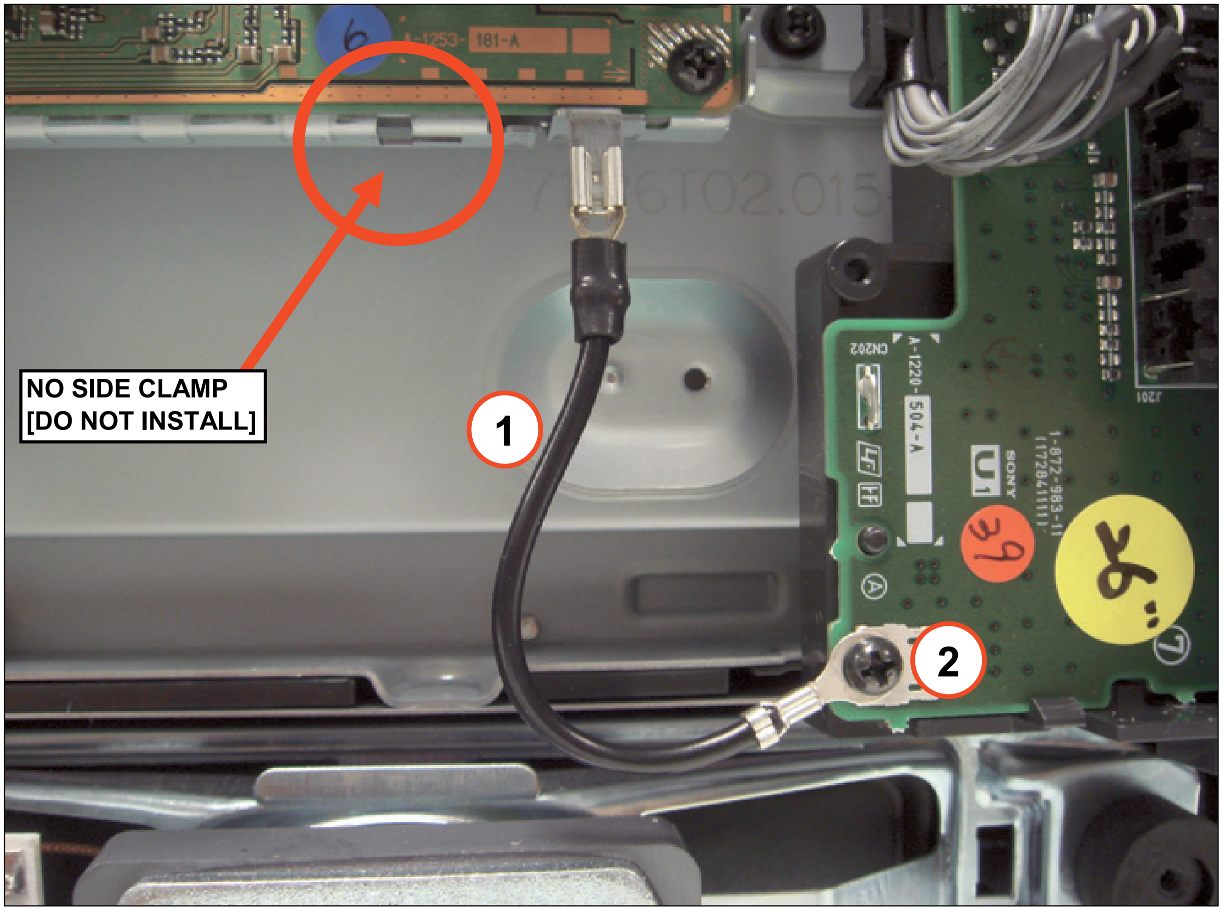
Sheet Core C (Installed by Vendor)

OPERATION PROCESS

1. Apply Sheet Core A to Panel in location where U1 bracket is to be installed (Use edges of panel as guide)
2. Make sure DTT Shield has Sheet Core C installed as per diagram.
3. Wire Dress 20P Harness as shown. Put attention on DIRECTION of wires from BU-Bd inside side clamp on U1 Bracket.

KDL-32S3000 ONLY

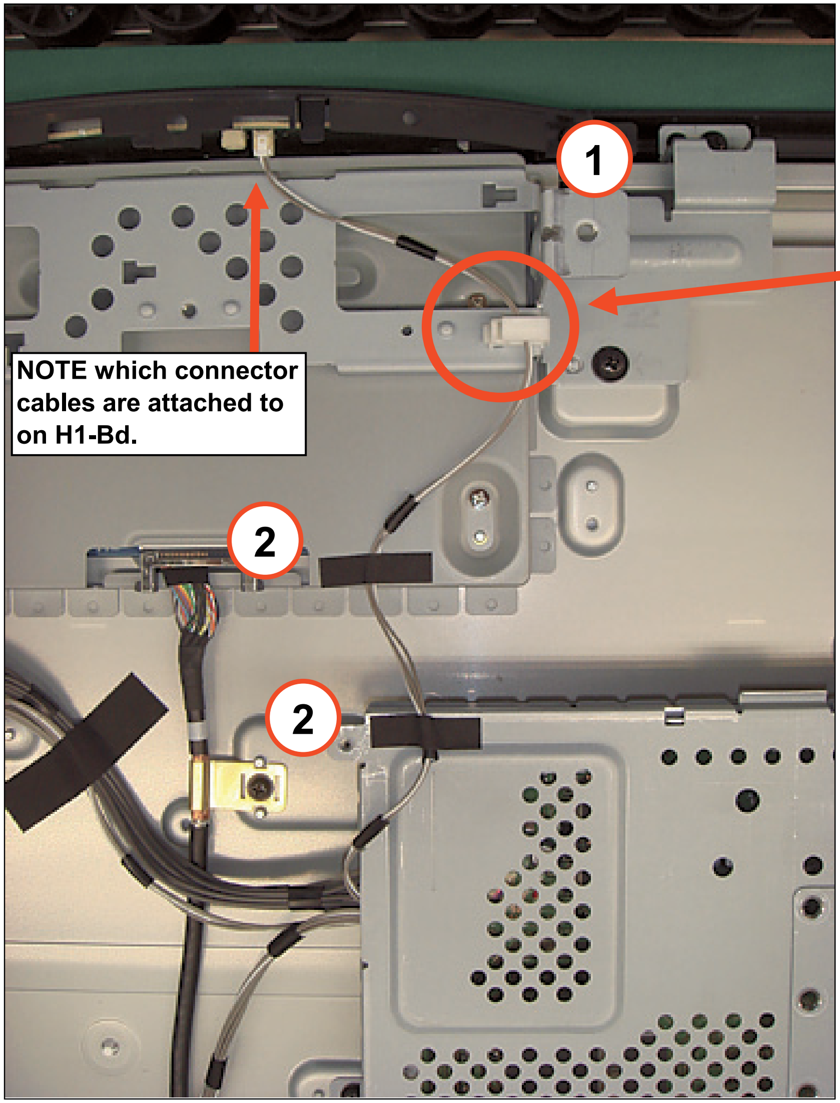
U1 BOARD (CONTINUED)


NO SIDE CLAMP
[DO NOT INSTALL]
1
2
A-1220-504-A
U1
SONY
1-872-983-11
CN202
J201

OPERATION PROCESS
1. Wire route ESD GND wire as shown (NOTE: Actual Part will have RED insulation) 2. Use 3x12mm screw to fix ring terminal in U1 Bracket
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-32S3000 ONLY

H1 BOARD



NOTE which connector cables are attached to on H1-Bd.

Plastic Side Clamp. Installed by Vendor.

OPERATION PROCESS

1. Dress/Route H1-Bd harness as shown on photo.

2. NOTE: Put attention on SLACK of cable.
   Between Connector on H1 and tape there is slack in wire.
   Between tape/clamp there is slack.
   Between tape/DTT Shield there is slack.

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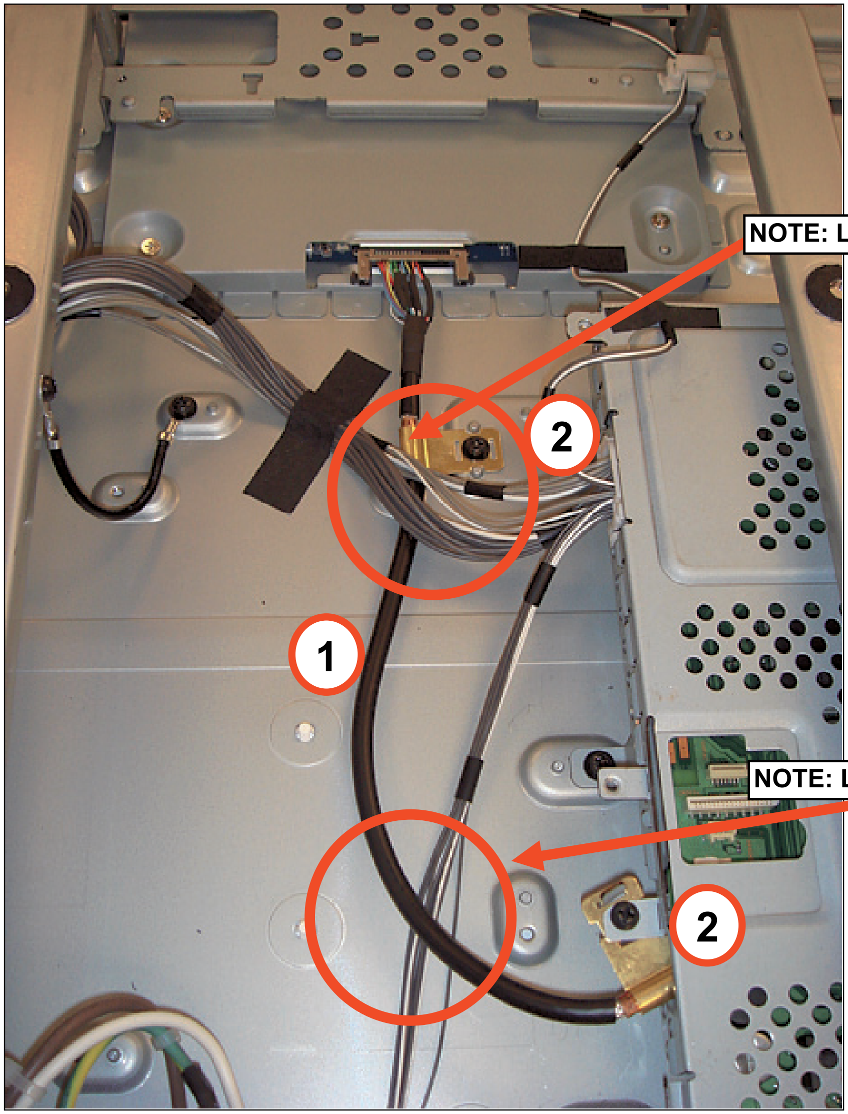
LVDS CABLE



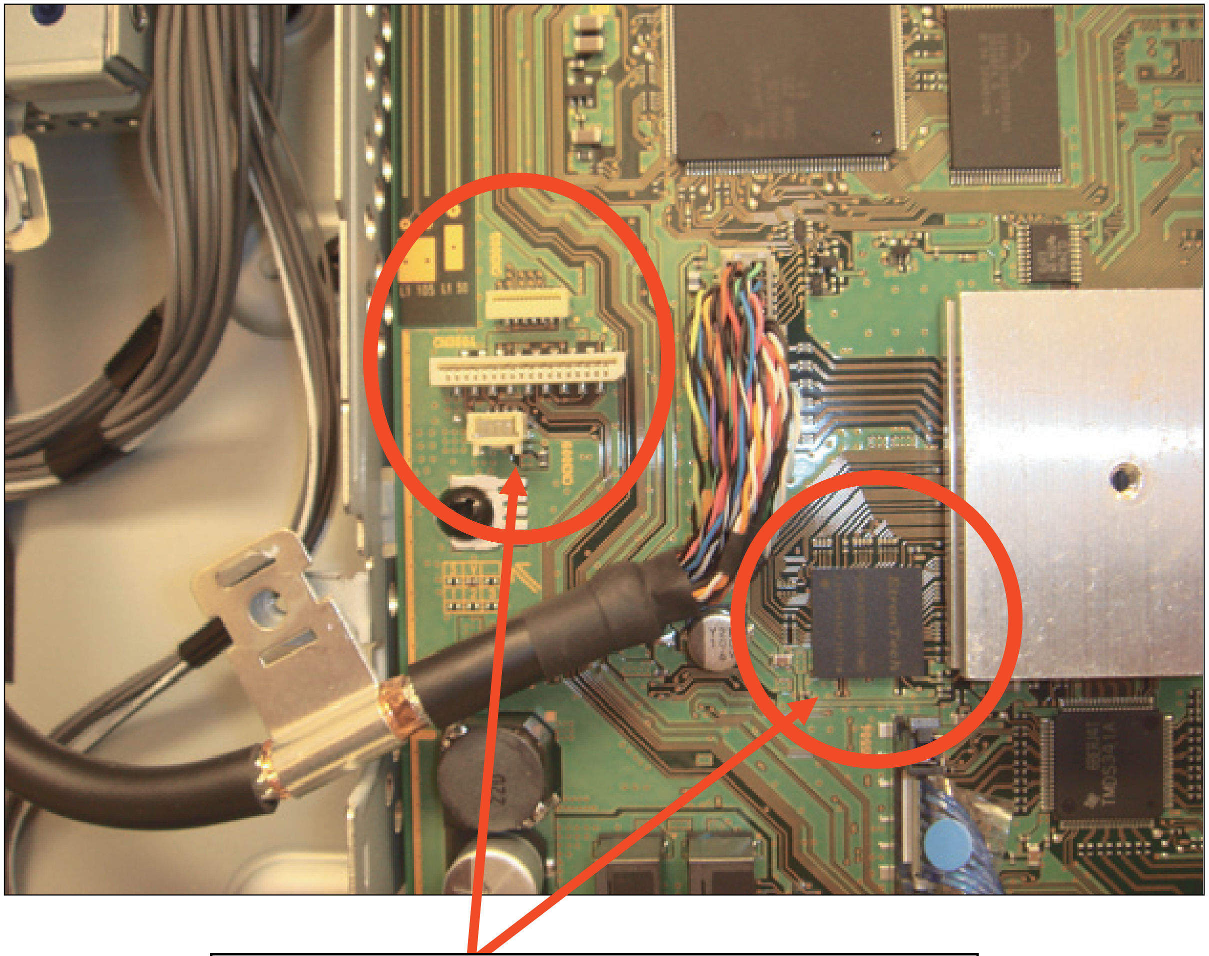
NOTE: LVDS Cable is UNDER G1/U-Bd cables

NOTE: LVDS Cable is ON TOP of H3-Bd Cables

OPERATION PROCESS
1. Route 40P LVDS Cable between BU-Bd and TCON as shown. 2. Apply 3x8mm Screw (2-places) to ground LVDS cable. Put Attention on Routing of Cable. G1 to BU cables are on TOP of LVDS. H3-Bd cables are UNDER LVDS.
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-32S3000 ONLY

LVDS CABLE (CONTINUED)

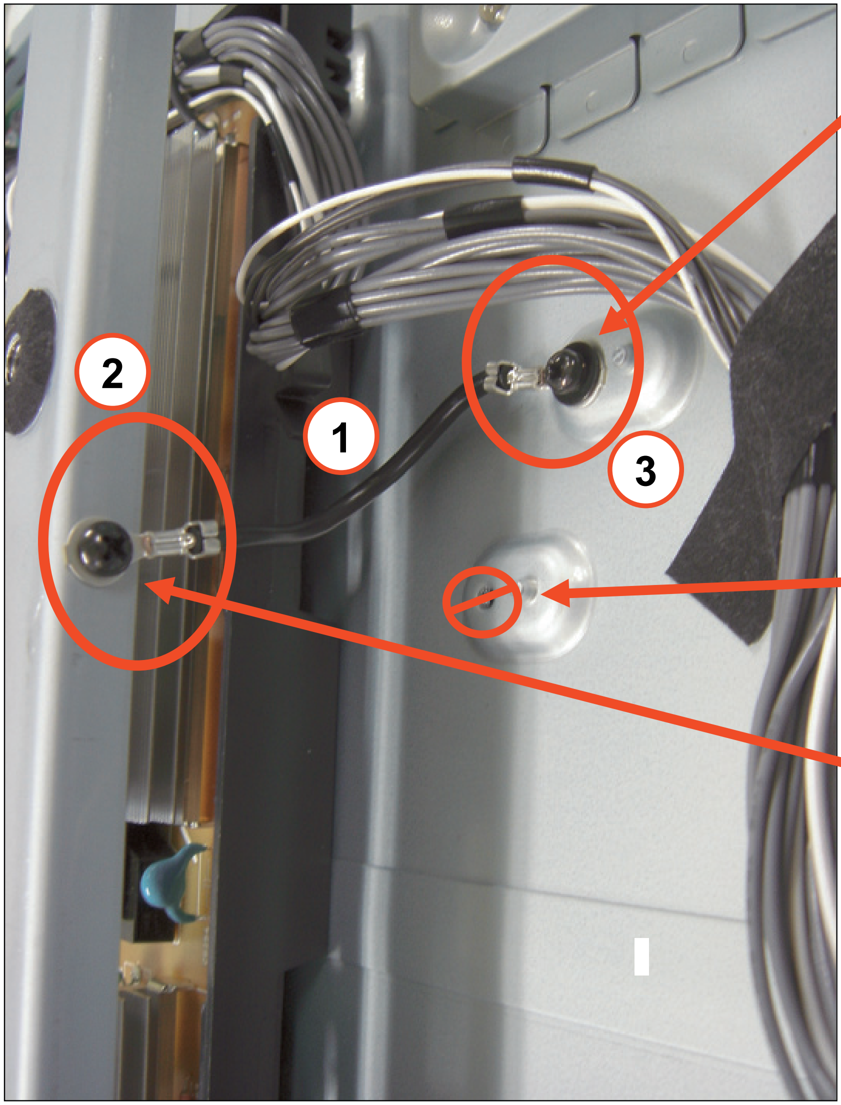


CAUTION: **Keep LVDS Cables AWAY from JIG Connectors and Memory IC.**

OPERATION PROCESS
Route LVDS Harness from BU-Board (CN4500) as shown. CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

KDL-32S3000 ONLY

VESA BRACKET GROUND WIRE



Install 3x5mm screw to GND Tab on panel above BH-Bd Shield Case.

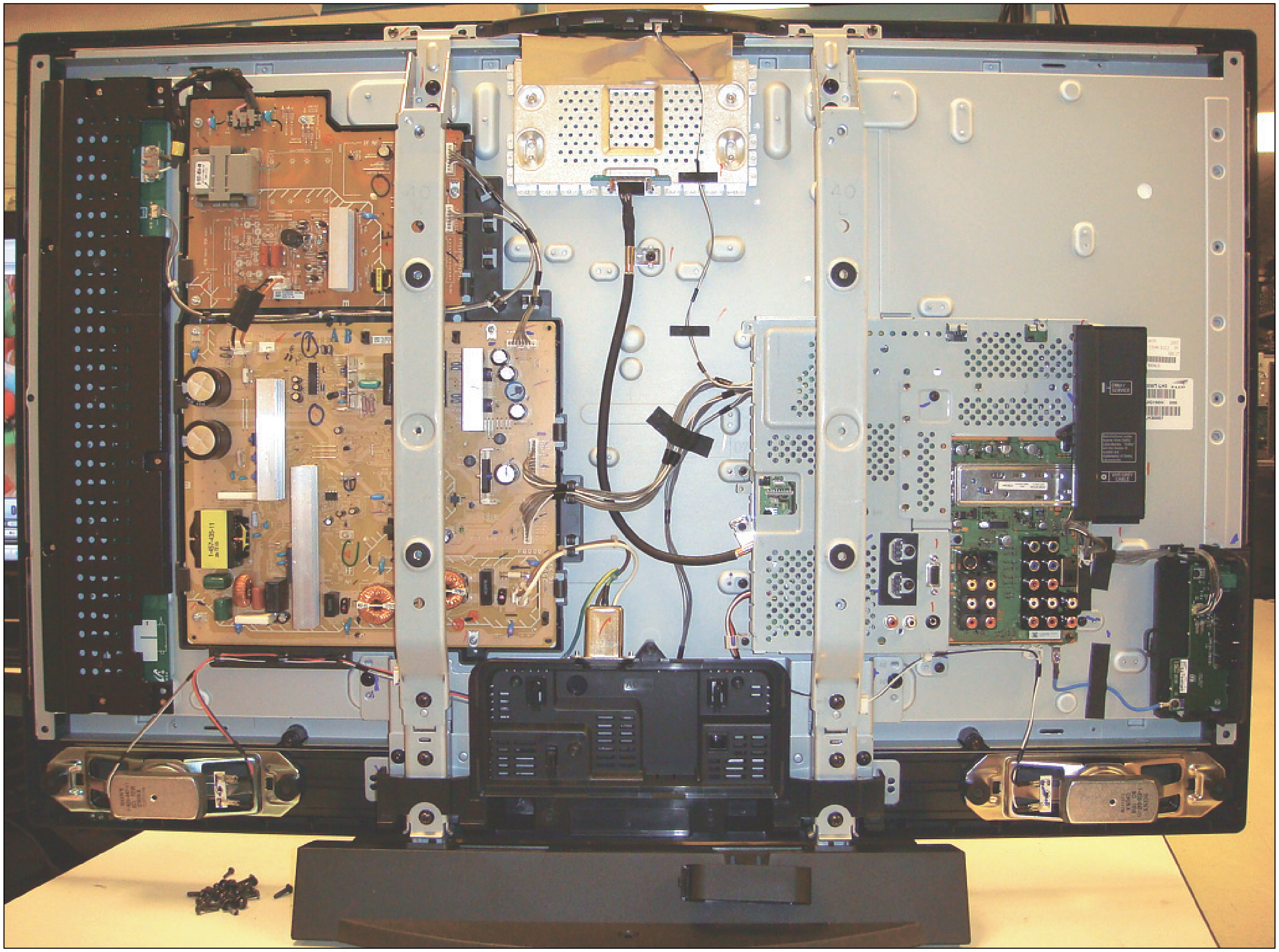
DO NOT install 3x5mm screw to GND Tab on lower panel "dimple".

**Install 3x8mm screw to GND Tab on RIGHT VESA Bracket.
NOTE: This screw can be applied off-line as pre-assembly operation.**

OPERATION PROCESS
Attach ESD Grounding wire as shown shown. NOTE: 3x8mm AND 3x5mm Screws are used!!
TORQUE SPECIFICATION
TORQUE: 6.0kg.cm (+-1.0kg.cm)

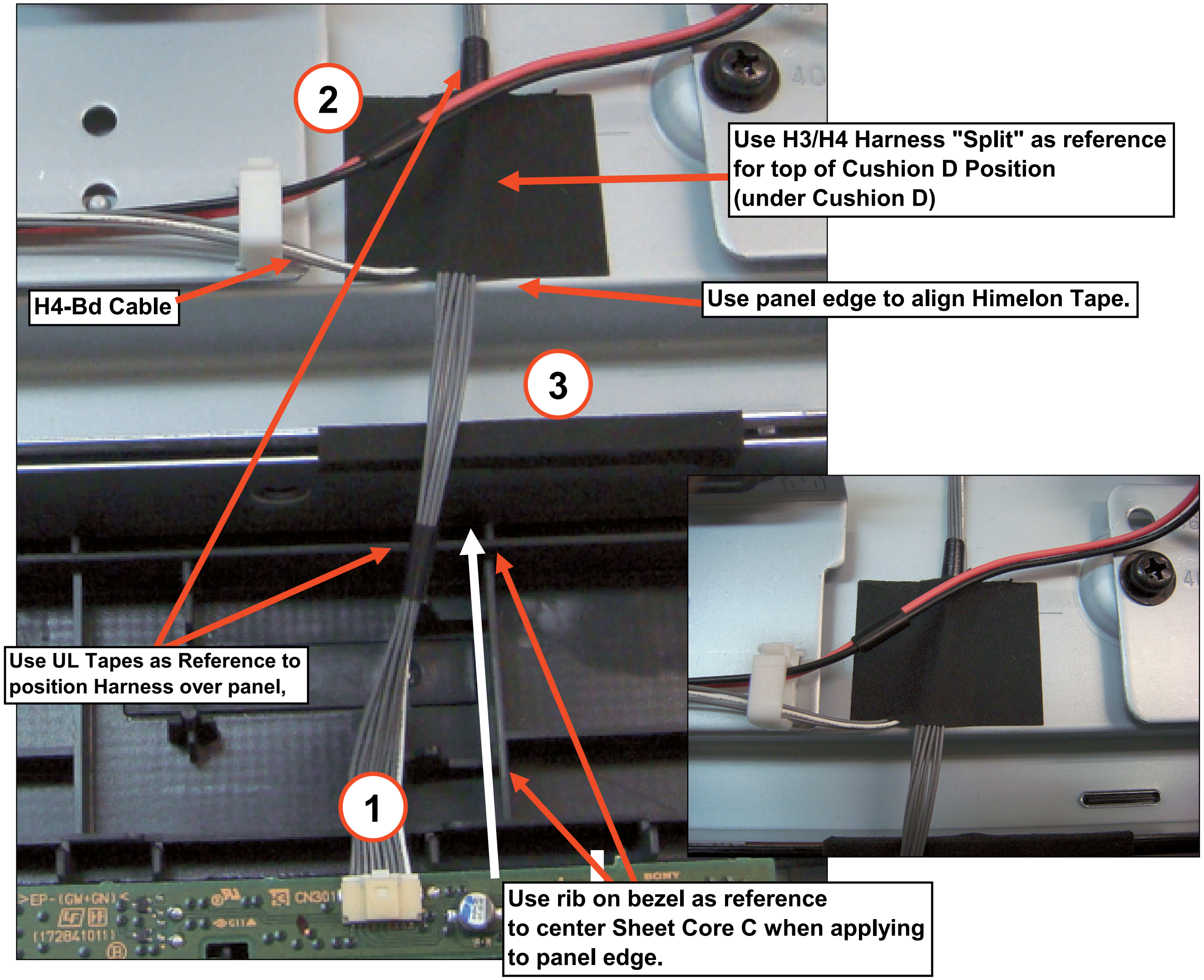
KDL-40S3000 ONLY

OVERALL VIEW



KDL-40S3000 ONLY

H3 BOARD HARNESS



Use H3/H4 Harness "Split" as reference for top of Cushion D Position (under Cushion D)

H4-Bd Cable

Use panel edge to align Himelon Tape.

Use UL Tapes as Reference to position Harness over panel,

Use rib on bezel as reference to center Sheet Core C when applying to panel edge.

OPERATION PROCESS

1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
   Use ribs on bezel (w/o screw boss) as a guide to center tape.
2. Dress split (H3 & H4) in harness under Cushion D Tape.
3. Route H3 and H4 harness as shown.

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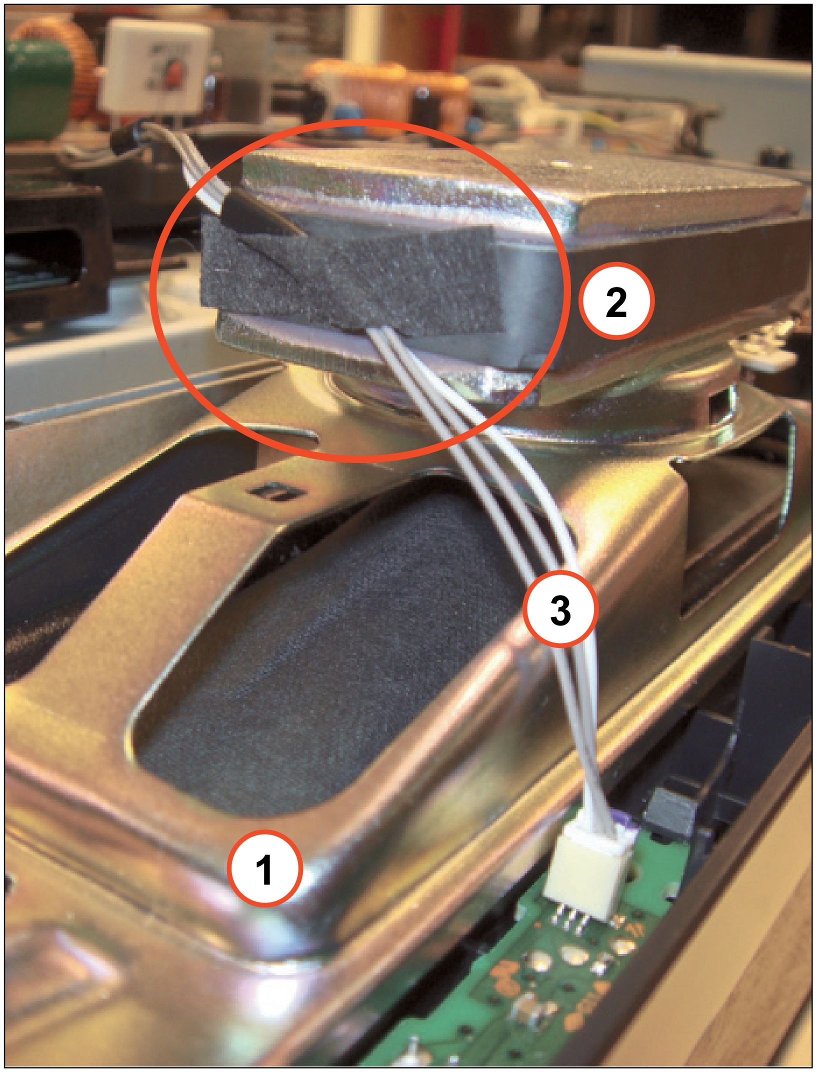
H4 BOARD



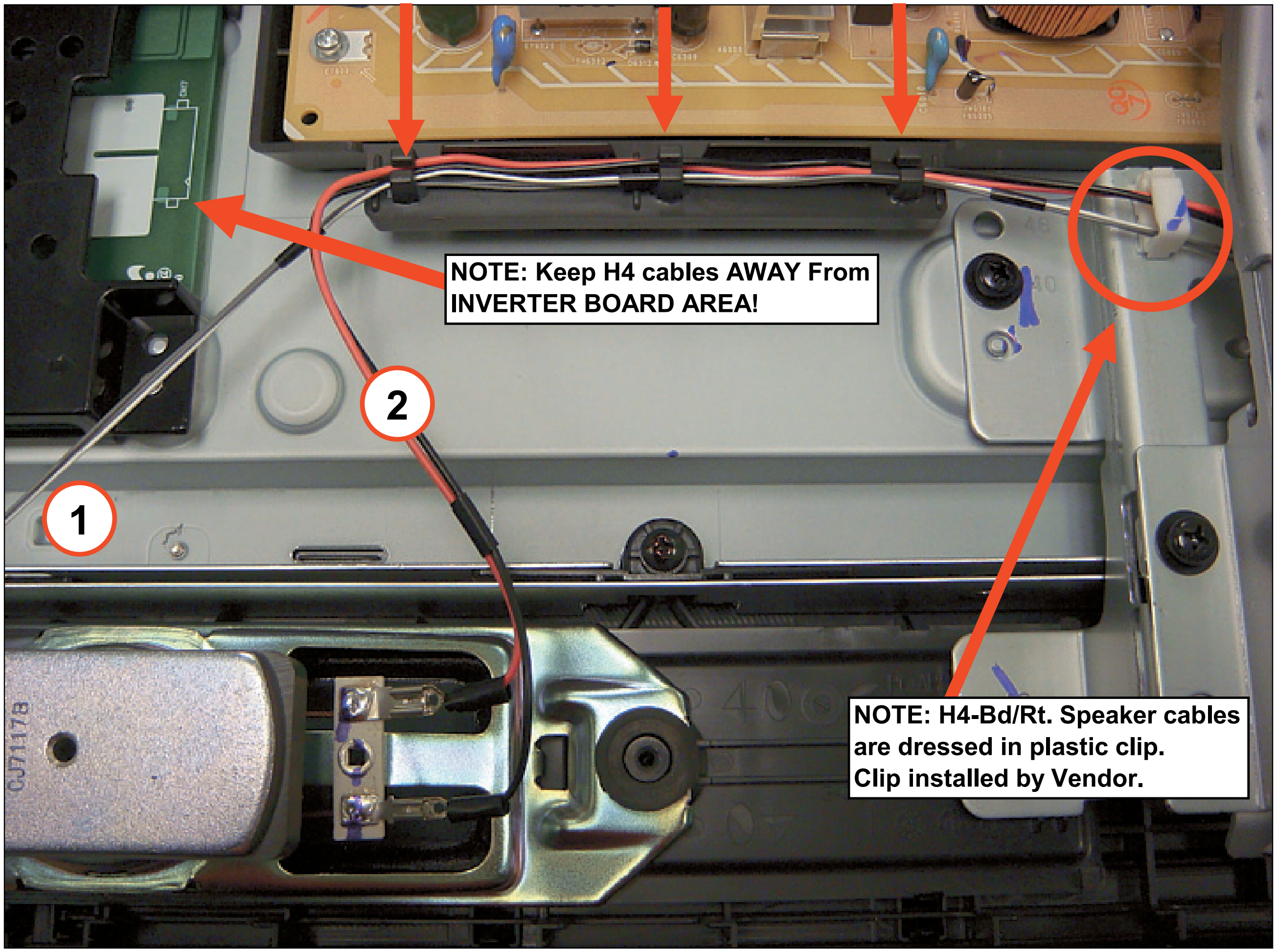
OPERATION PROCESS

1. H4-Bd should be installed BEFORE the speaker/baffles are installed
2. Be careful to align Plastic clip at left side of bezel with notch in PWB.
3. PRESS FIRMLY on PWB next to clip to seat H4-Bd. DO NOT USE Excessive force. PWB or clip WILL BREAK!

Tape H4 wires to Bottom of panel edge.

KDL-40S3000 ONLY

H4 BOARD AND RIGHT SPEAKER



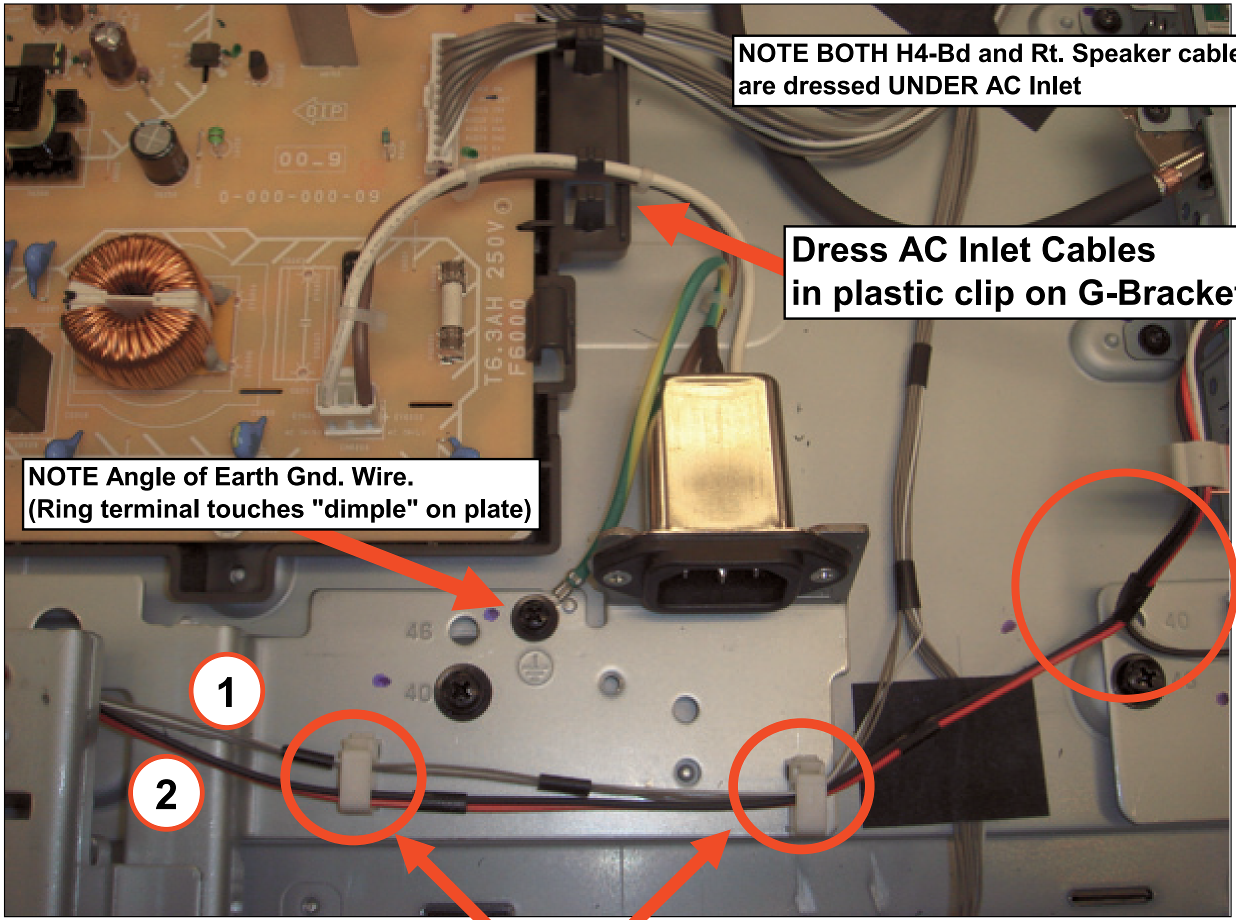
NOTE: Keep H4 cables AWAY From INVERTER BOARD AREA!

NOTE: H4-Bd/Rt. Speaker cables are dressed in plastic clip. Clip installed by Vendor.

OPERATION PROCESS
Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clips (black). **NOTE: ALL Wires are dressed in far left G-Bracket clip!**

KDL-40S3000 ONLY

H4 BOARD AND RIGHT SPEAKER (CONTINUED)



NOTE BOTH H4-Bd and Rt. Speaker cables are dressed UNDER AC Inlet

Dress AC Inlet Cables in plastic clip on G-Bracket

NOTE Angle of Earth Gnd. Wire. (Ring terminal touches "dimple" on plate)

NOTE: H4-Bd/Right Speaker cables are dressed in plastic clip. Clip installed by Vendor.

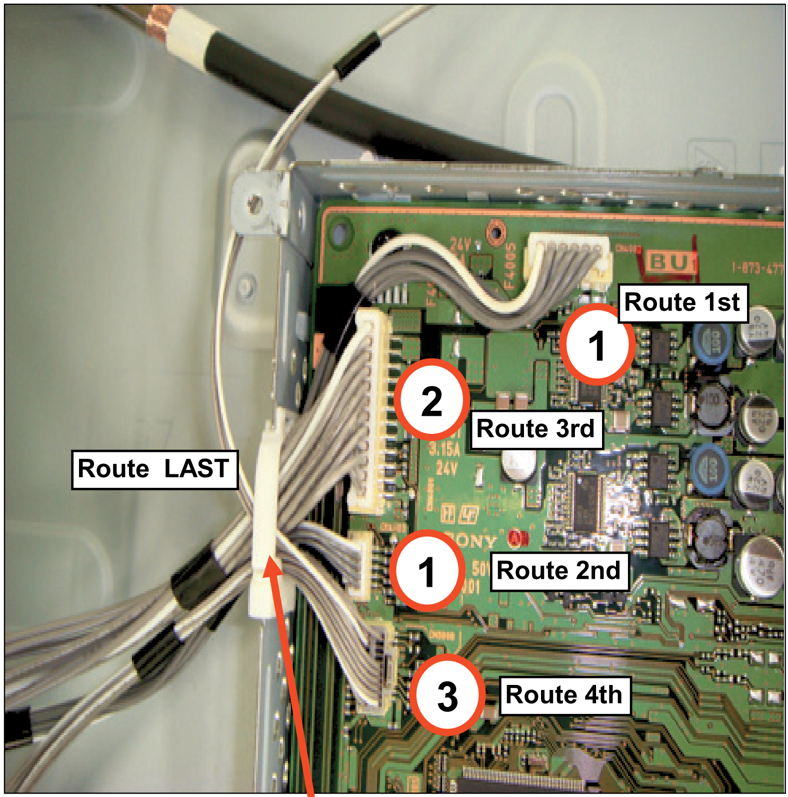
OPERATION PROCESS

1. Dress H4/Rt. Speaker cables in white side clips.
2. Dress AC Inlet Cables in Plastic clip on the G-Bracket as shown.

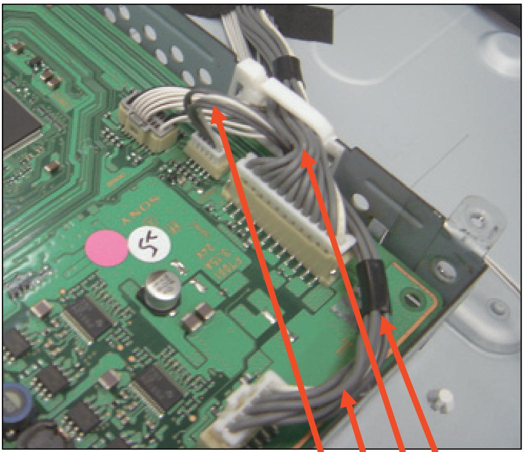
   Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)

KDL-40S3000 ONLY

CORE BLOCK HARNESS


Route 1st
1
2
Route 3rd
Route LAST
1
Route 2nd
3
Route 4th

NOTE order and direction of cables!



Keep Cables BELOW level of Shield Case (Pinch Points)

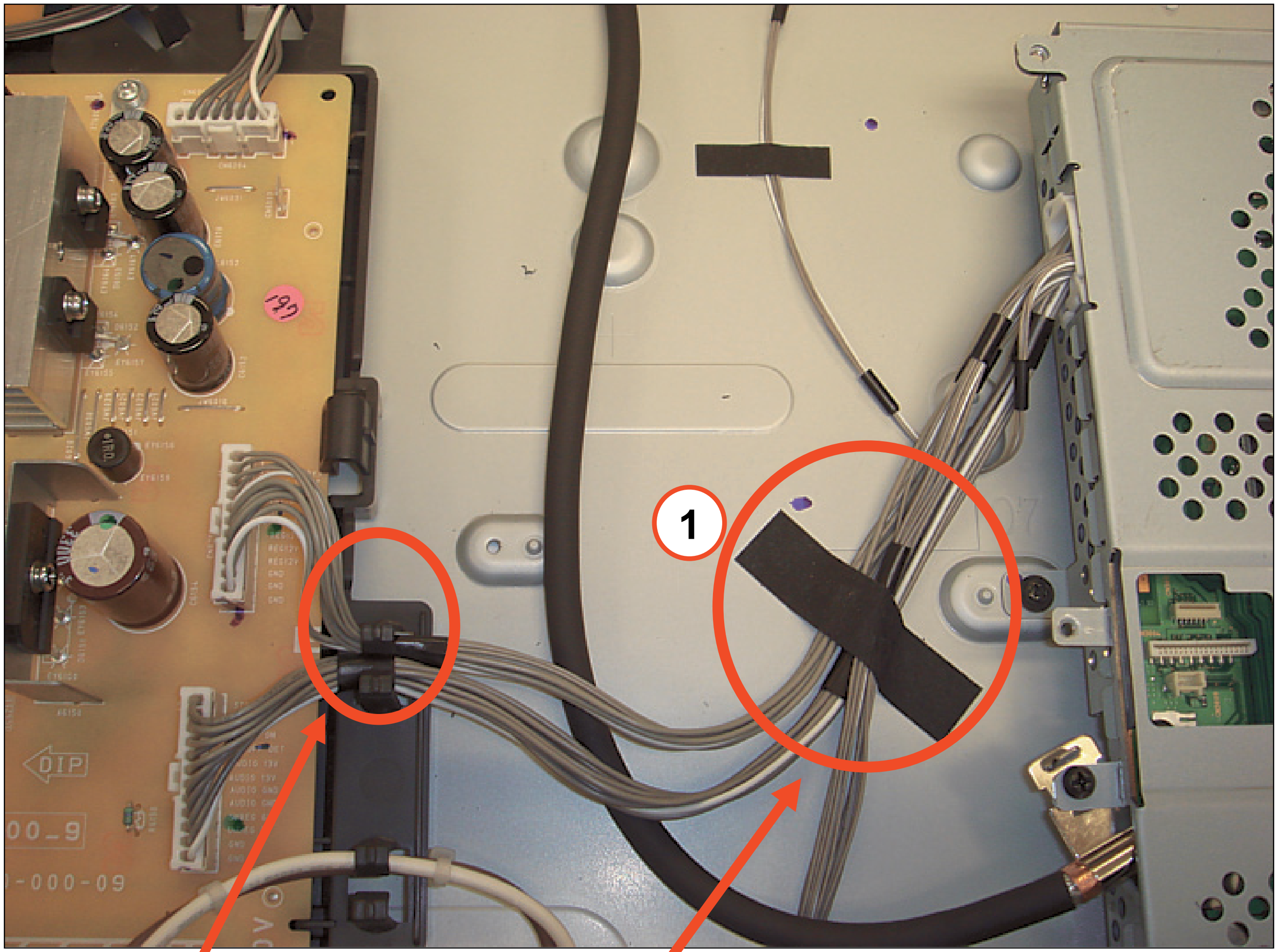
OPERATION PROCESS

Route/Dress Harnesses connected to Core Block as Shown

NOTE Order & Direction of Cables in plastic Clip on Shield Case.

KDL-40S3000 ONLY

CORE BLOCK HARNESS (CONTINUED)



Dress G3-Bd Cables in G-Bracket Clip

Apply Sheet Core C to dress cables.

OPERATION PROCESS
Route/Dress Core-Block cables as shown Put Attention on the position of Sheet Core C and the routing of the cables between G3-Bd and Core Block.

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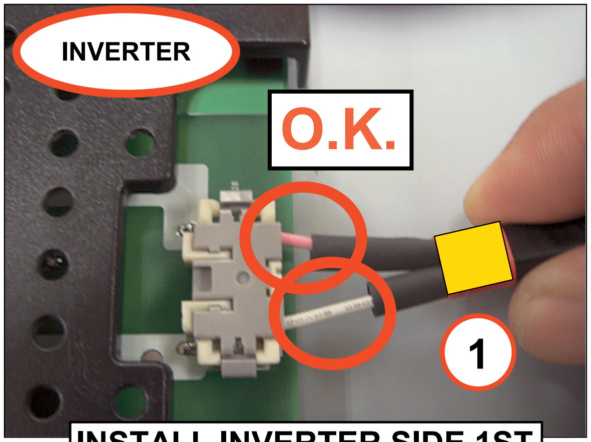
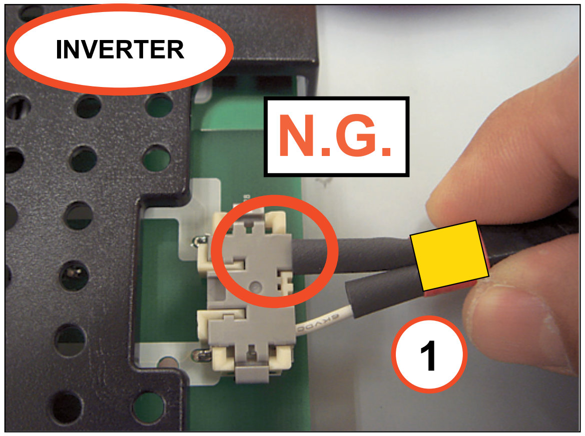
INVERTER BOARD AND D1 BOARD

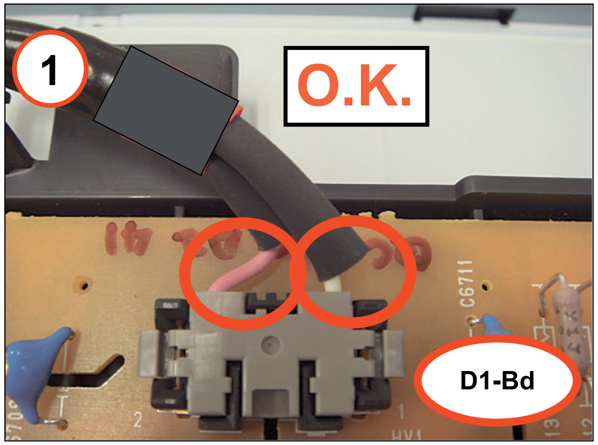

INVERTER
O.K.
1

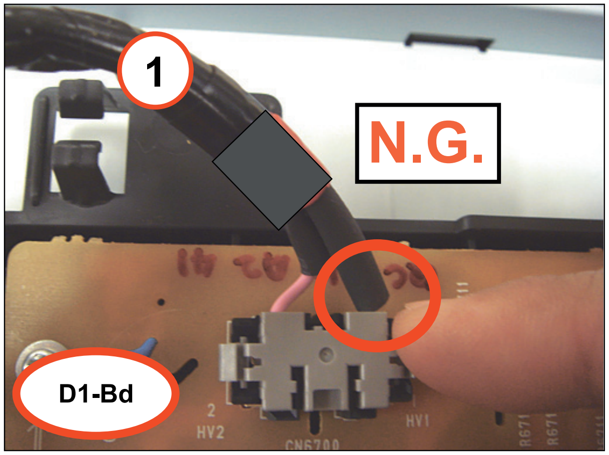
INSTALL INVERTER SIDE 1ST


INVERTER
N.G.
1

OPERATION PROCESS
CAUTION MAKE SURE BLACK INSULATION TUBING DOES NOT TOUCH CONN BEFORE INSTALLING 2P MD CONN. AFTER INSTALLING CONNECTOR, TUBE INSULATION CAN TOUCH CONNECTOR!

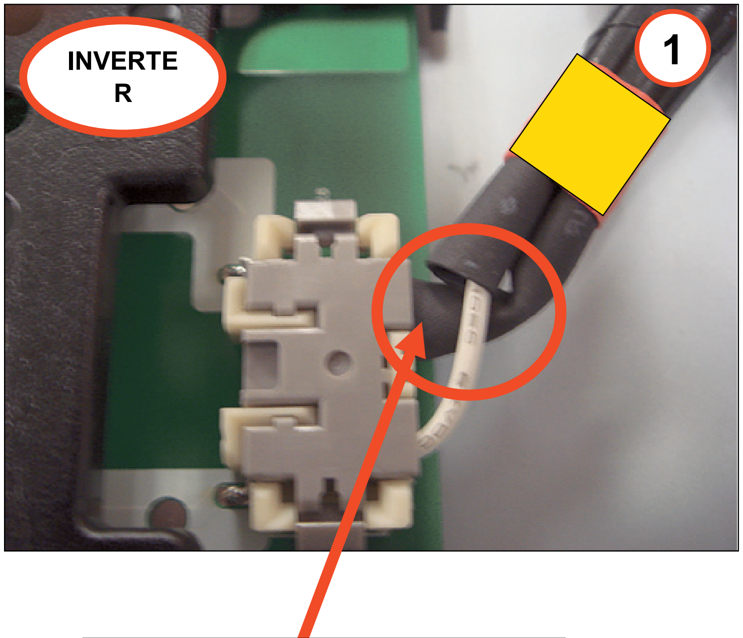
INSTALL D1-Bd SIDE 2ND





KDL-40S3000 ONLY

INVERTER BOARD AND D1 BOARD (CONTINUED)



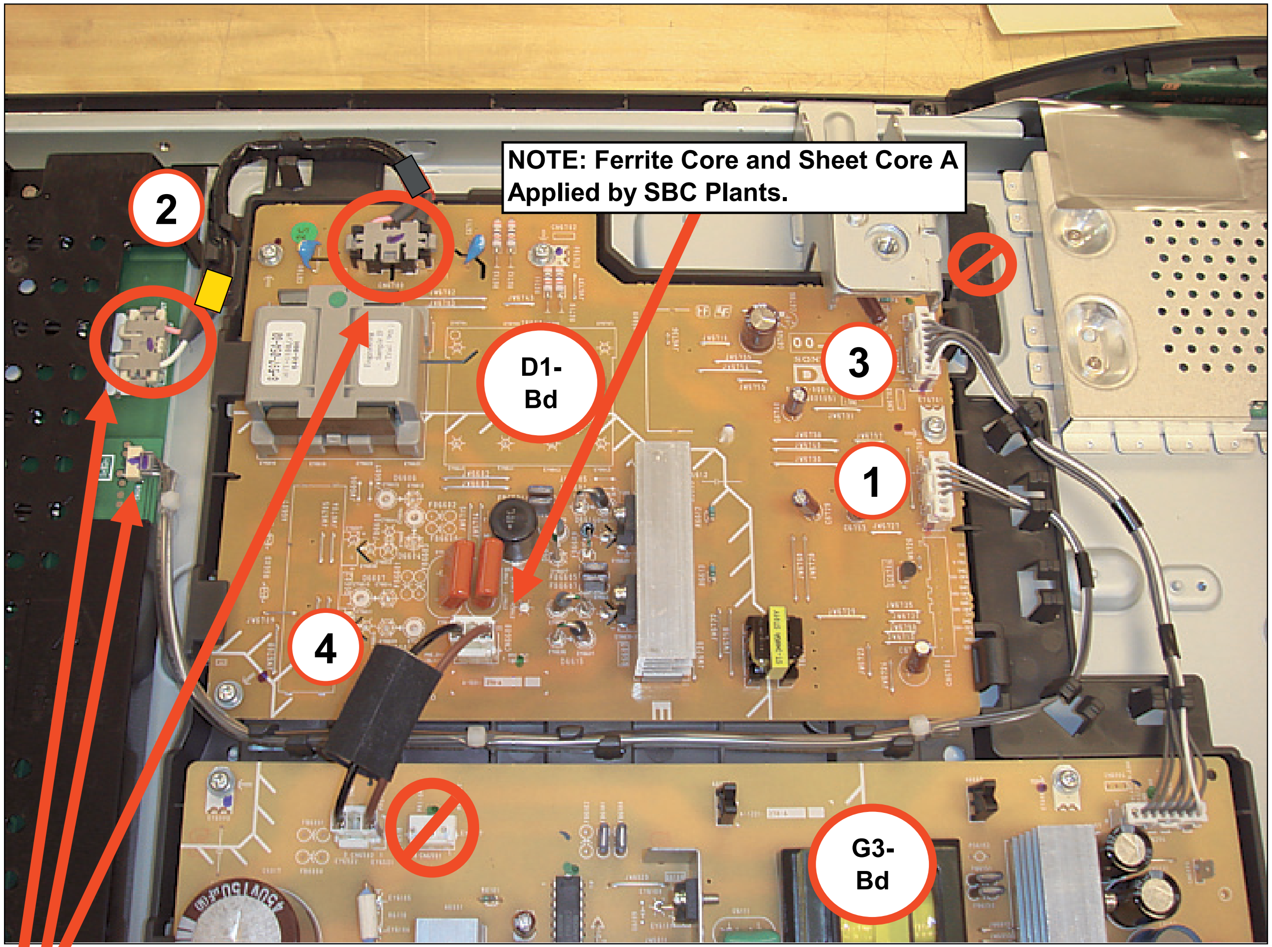
CAUTION: Make Sure Inverter Connector DOES NOT CROSS WHITE/PINK WIRES!

**CHECK BOTH SIDES OF HARNESS!
(INVERTER CONN / D1-Bd CONN)**

OPERATION PROCESS
CAUTION: MAKE SURE WHITE/PINK WIRES DO NOT CROSS **CHECK INVERTER SIDE WIRES** **CHECK D1-Bd SIDE WIRES**

KDL-40S3000 ONLY

G3 BOARD AND D1 BOARD

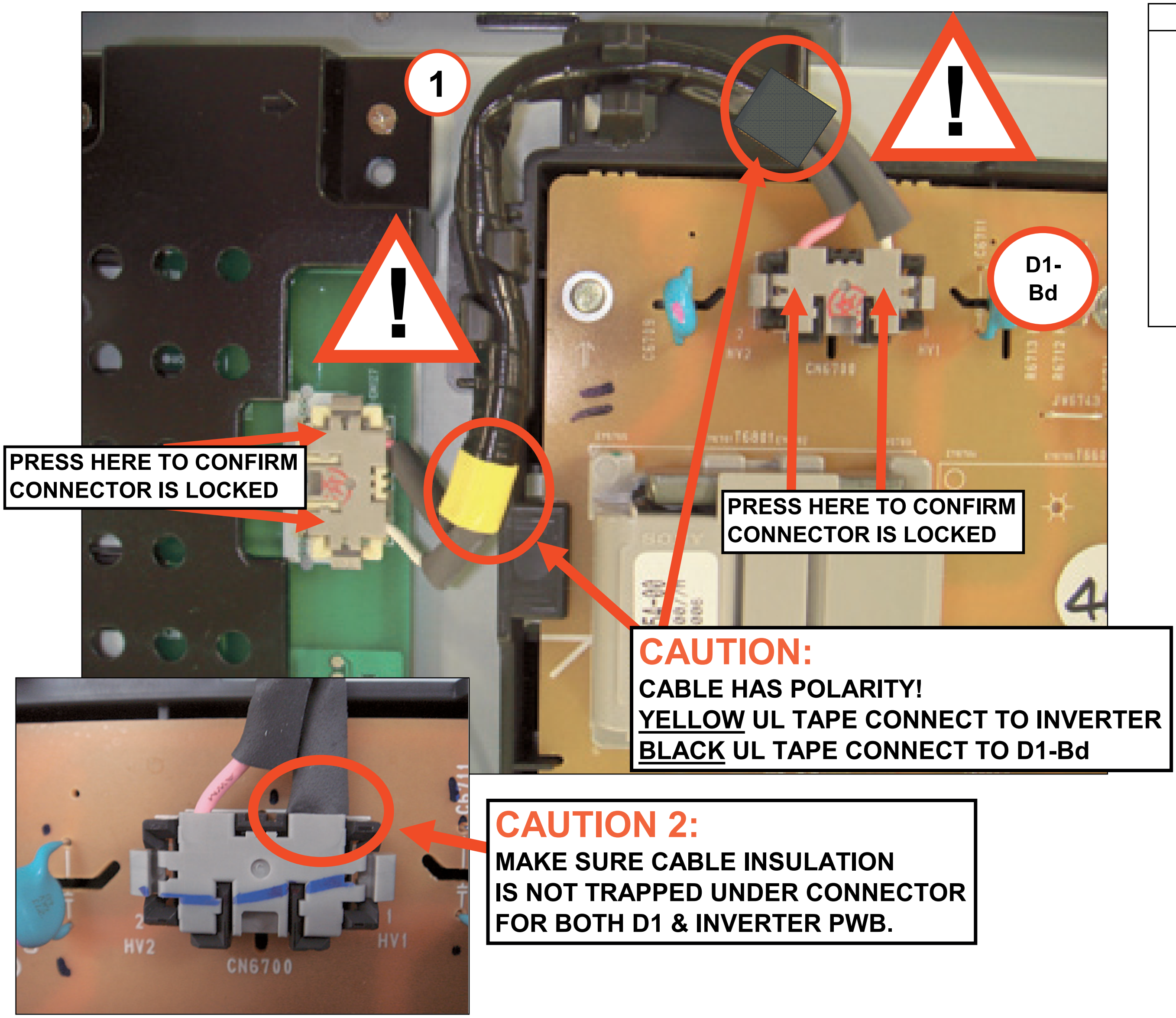

NOTE: Ferrite Core and Sheet Core A Applied by SBC Plants.
2
D1-Bd
3
1
4
G3-Bd

CAUTION: Make Sure Inverter Connector is Fully LOCKED!

OPERATION PROCESS
Install/Wire Dress Harnesses as shown. **CAUTION**: Make sure INVERTER CONN. is Fully LOCKED!!

KDL-40S3000 ONLY

D1 BOARD AND INVERTER BOARD CAUTION



PRESS HERE TO CONFIRM CONNECTOR IS LOCKED

PRESS HERE TO CONFIRM CONNECTOR IS LOCKED

CAUTION:
CABLE HAS POLARITY!
YELLOW UL TAPE CONNECT TO INVERTER
BLACK UL TAPE CONNECT TO D1-Bd

CAUTION 2:
MAKE SURE CABLE INSULATION IS NOT TRAPPED UNDER CONNECTOR FOR BOTH D1 & INVERTER PWB.

OPERATION PROCESS

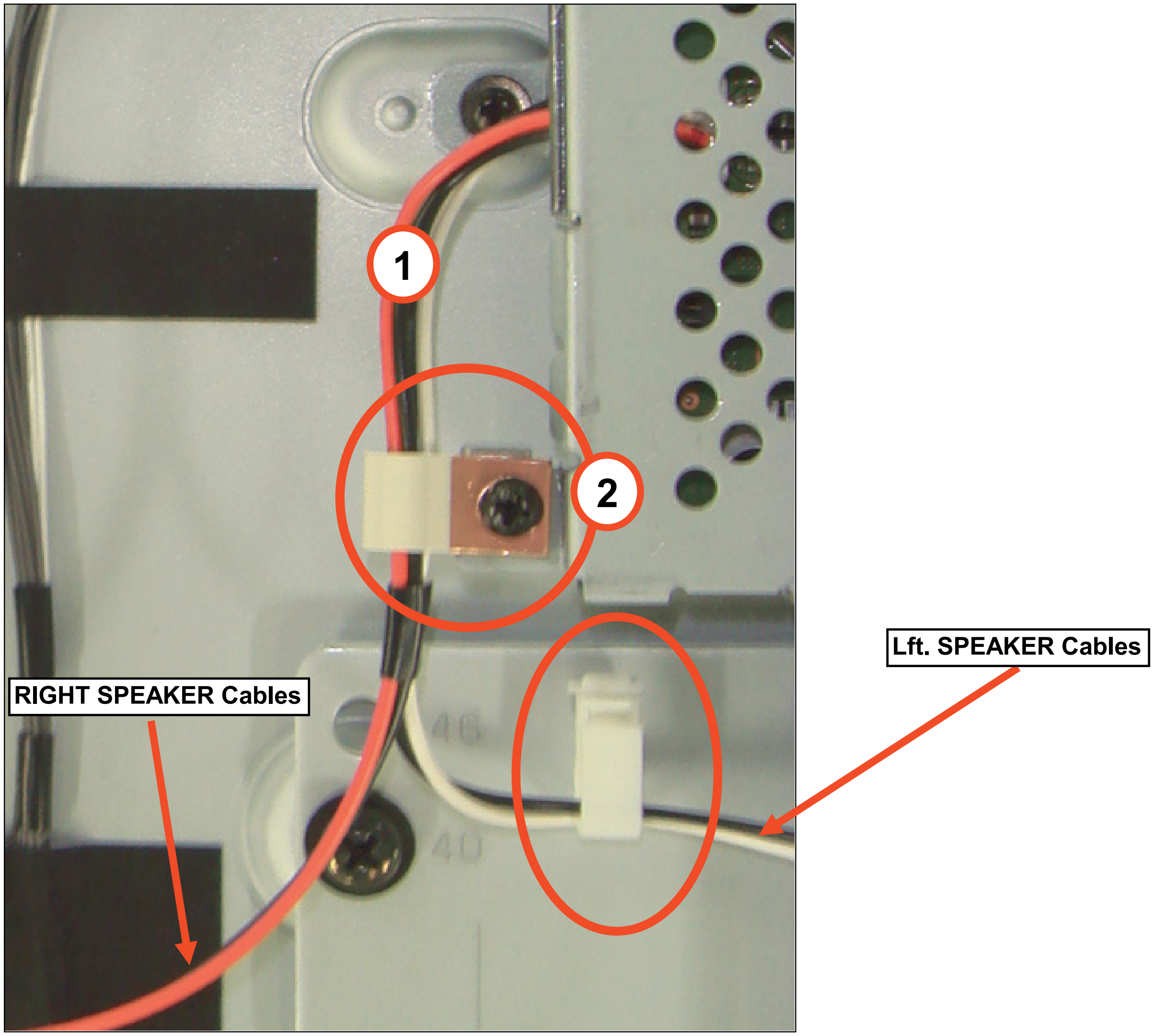
MAKE SURE COLOR of UL tape is the correct color (YELLOW) for harness.
Confirm wires are dressed properly in clips.

Confirm 2P BD Connectors are FULLY LOCKED by pressing on BOTH locking tabs (RED ARROWS).

MARK the 2P BD Connector Housing with "CHECKED" Mark or Stamping.

KDL-40S3000 ONLY

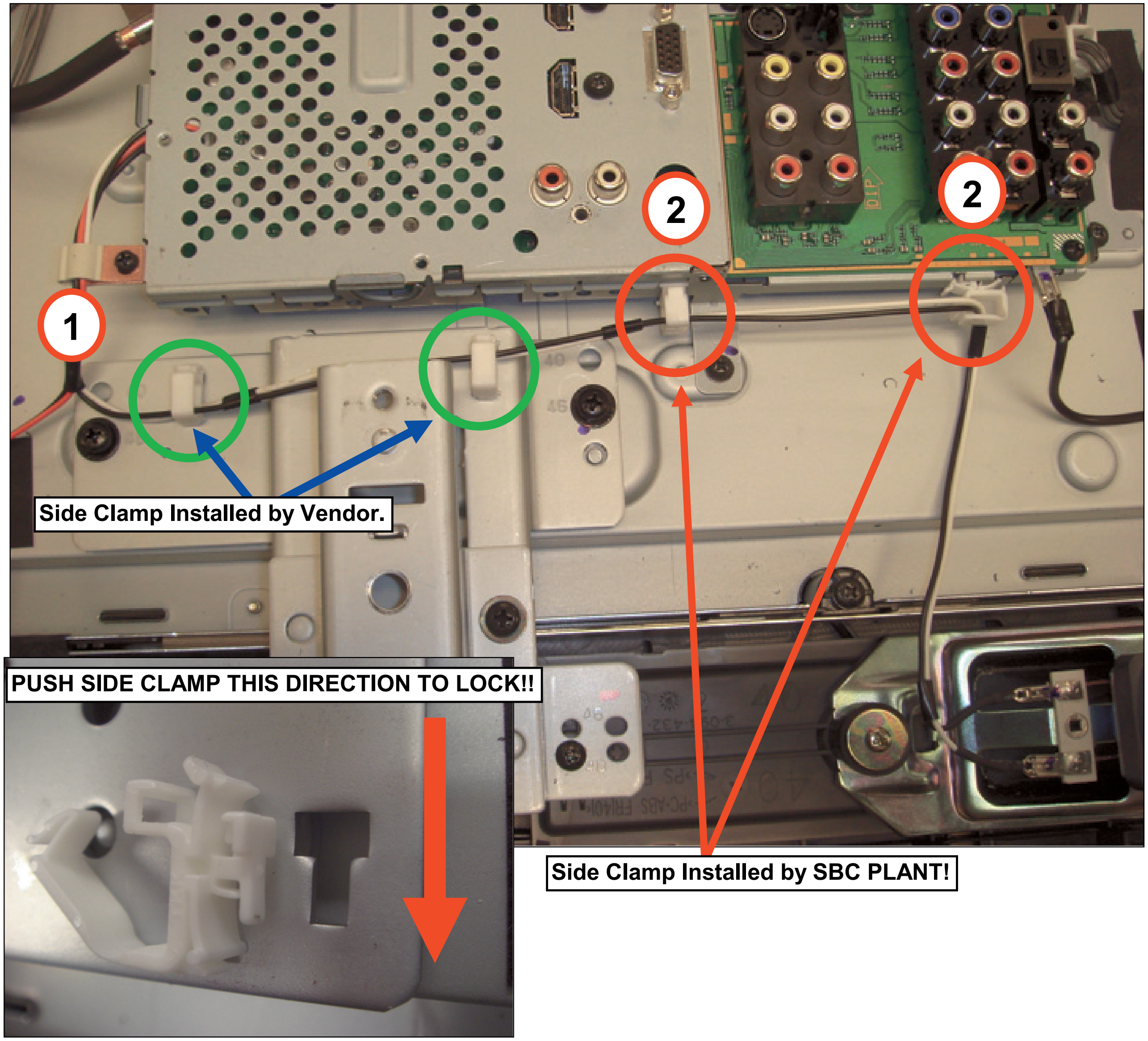
SPEAKER CABLES


1
2
RIGHT SPEAKER Cables
Lft. SPEAKER Cables

OPERATION PROCESS
1. Wire Dress Speaker Cables as shown. Lft. Speaker cable is dressed in side clamp (white plastic). 2. BOTH R/L cables are dressed in FGC-3 conductive clip.
TORQUE SPECIFICATION
TORQUE: 6kg.cm (+-1.0kg.cm)

KDL-40S3000 ONLY

LEFT SPEAKER HARNESS



Side Clamp Installed by Vendor.

PUSH SIDE CLAMP THIS DIRECTION TO LOCK!!

Side Clamp Installed by SBC PLANT!

OPERATION PROCESS
Dress LEFT speaker harness as shown

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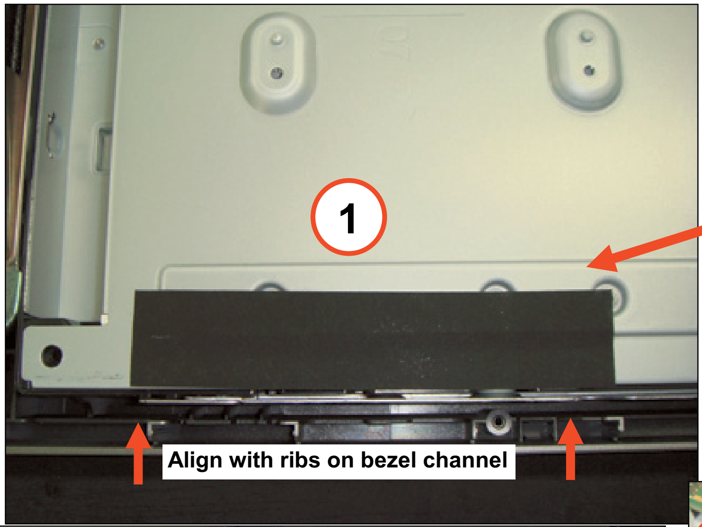
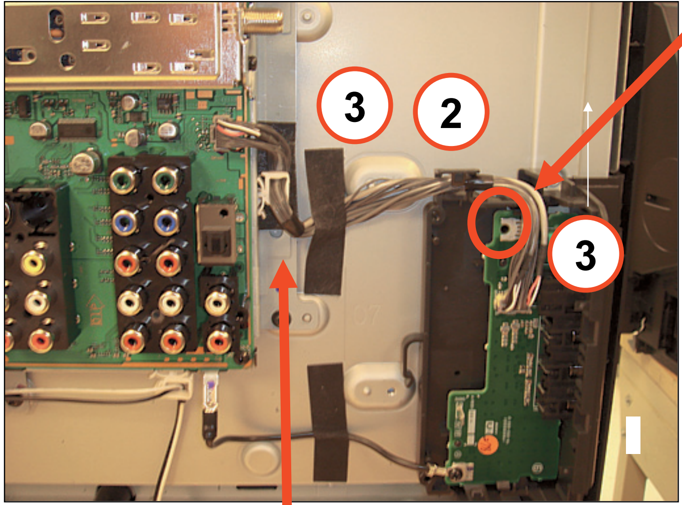
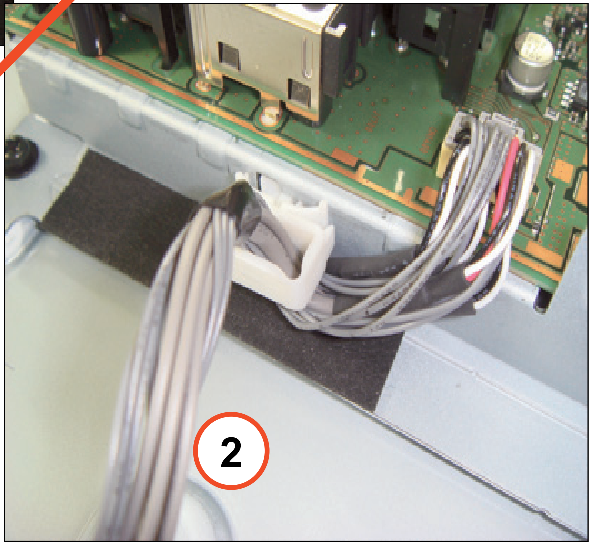
U1 BOARD



Align with center of circles on panel rib.

3/4/2007 LATE CHANGE:
ADD 3x12mm Screw in this hole!





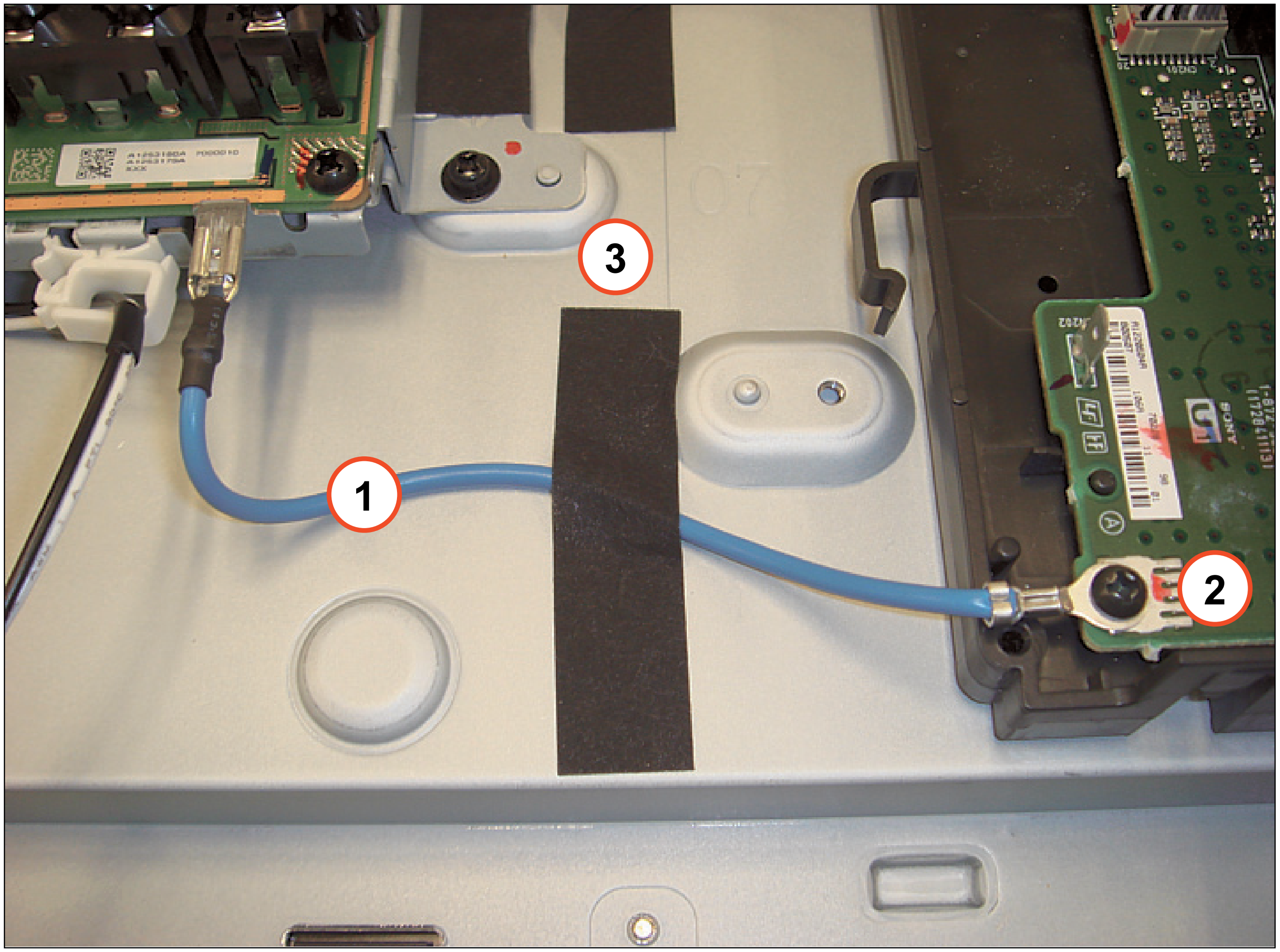
Check Sheet Core C is installed along edge of DTT shield and start of straight edge of DTT shield.
[INSTALLED BY VENDOR]

OPERATION PROCESS

1. Apply Sheet Core A to Panel in location where U2 bracket is to be installed (Use plastic ribs on bezel as guide)
2. Make sure DTT Shield has Sheet Core C Install Sheet Core C on "dimple" of panel to secure cables to panel.
3. Wire Dress 20P Harness as shown. Put attention on DIRECTION of wires from BU-Bd inside side clamp on DTT Shield!

KDL-40S3000 ONLY

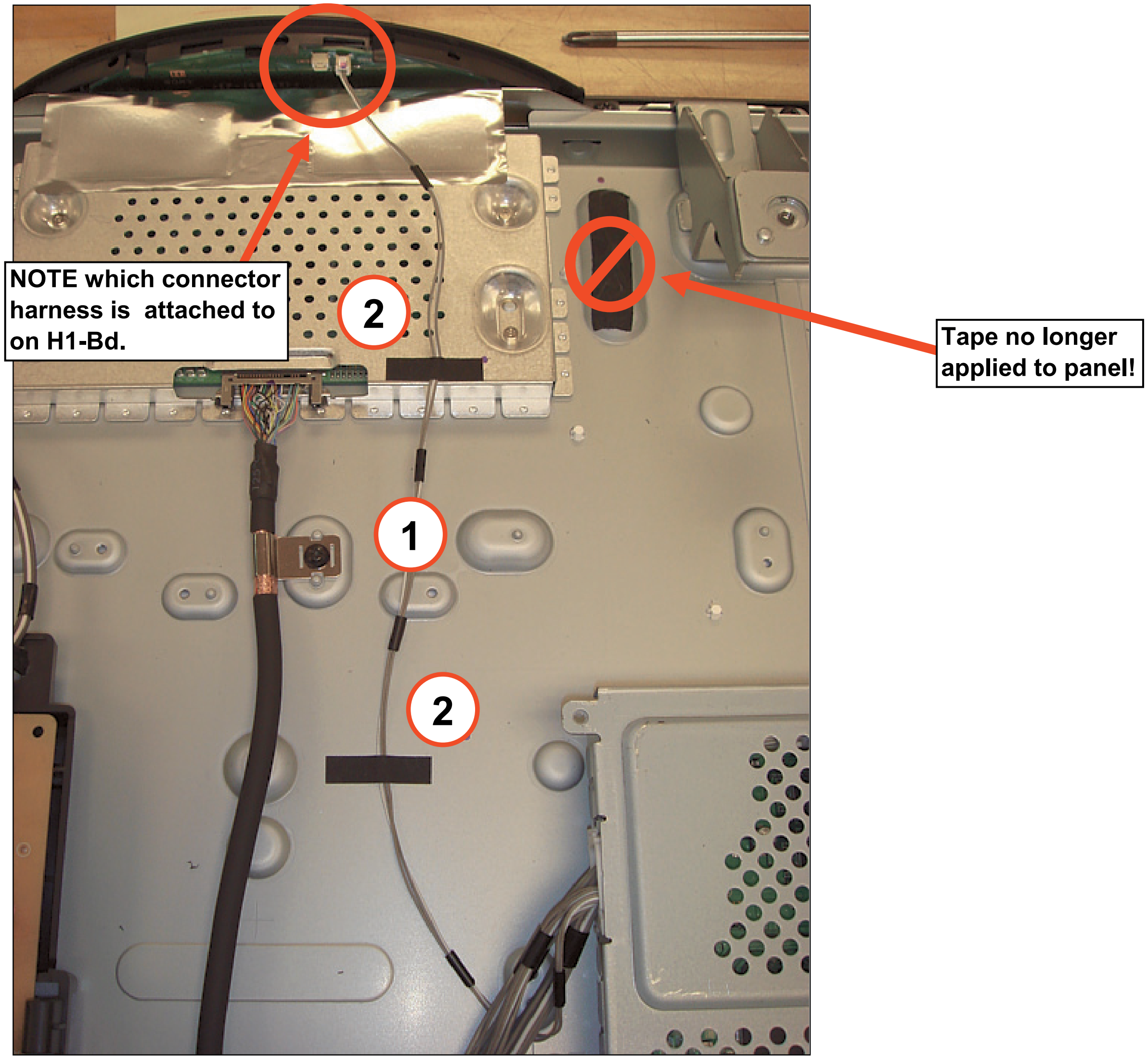
U1 BOARD (CONTINUED)



OPERATION PROCESS
1. Wire route ESD GND wire as shown (NOTE: Actual Part will have BLUE insulation) 2. Use 3x12mm screw to fix ring terminal in U1 Bracket 3. Apply Sheet Core C to hold cable on panel. Use Bottom of "score line" and "Dimple" on panel ase guide for aligning tape.
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-40S3000 ONLY

H1 BOARD

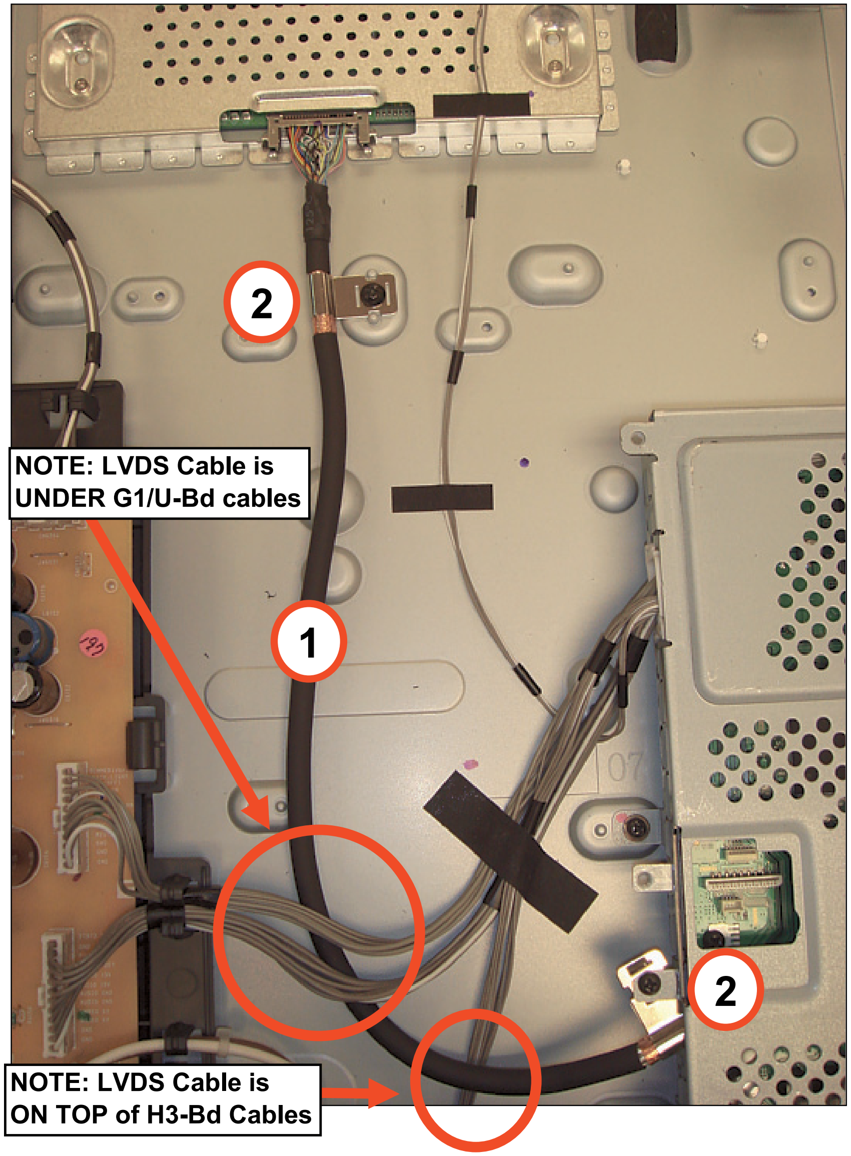

NOTE which connector harness is attached to on H1-Bd.
2
1
2
Tape no longer applied to panel!

OPERATION PROCESS

1. Dress/Route H1-Bd harness as shown on photo.
2. NOTE: Put attention on SLACK of cable.
   Between Connector on H1 and tape there is slack in wire.
   Between tapes there is a little slack.
   Between tape/DTT Shield there is slack.

KDL-40S3000 ONLY

LVDS CABLE



NOTE: LVDS Cable is UNDER G1/U-Bd cables

NOTE: LVDS Cable is ON TOP of H3-Bd Cables

OPERATION PROCESS

1. Route 40P LVDS Cable between BU-Bd and TCON as shown.
2. Apply 3x8mm Screw (2-places) to ground LVDS cable.

G1 to BU cables are on TOP of LVDS.
H3-Bd cables are UNDER LVDS.

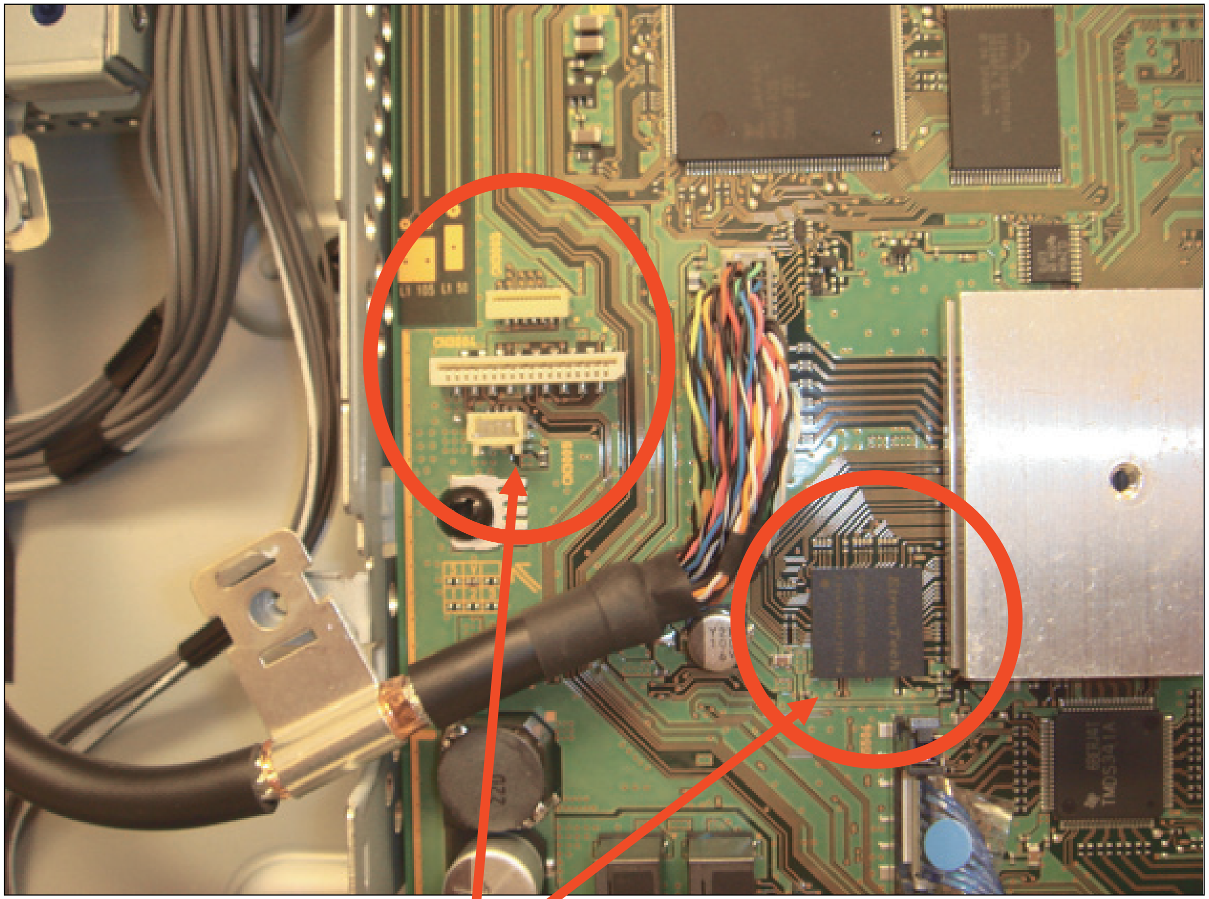
TORQUE SPECIFICATION

3mm TORQUE: 6.0kg-cm

×

KDL-40S3000 ONLY

LVDS CABLE (CONTINUED)

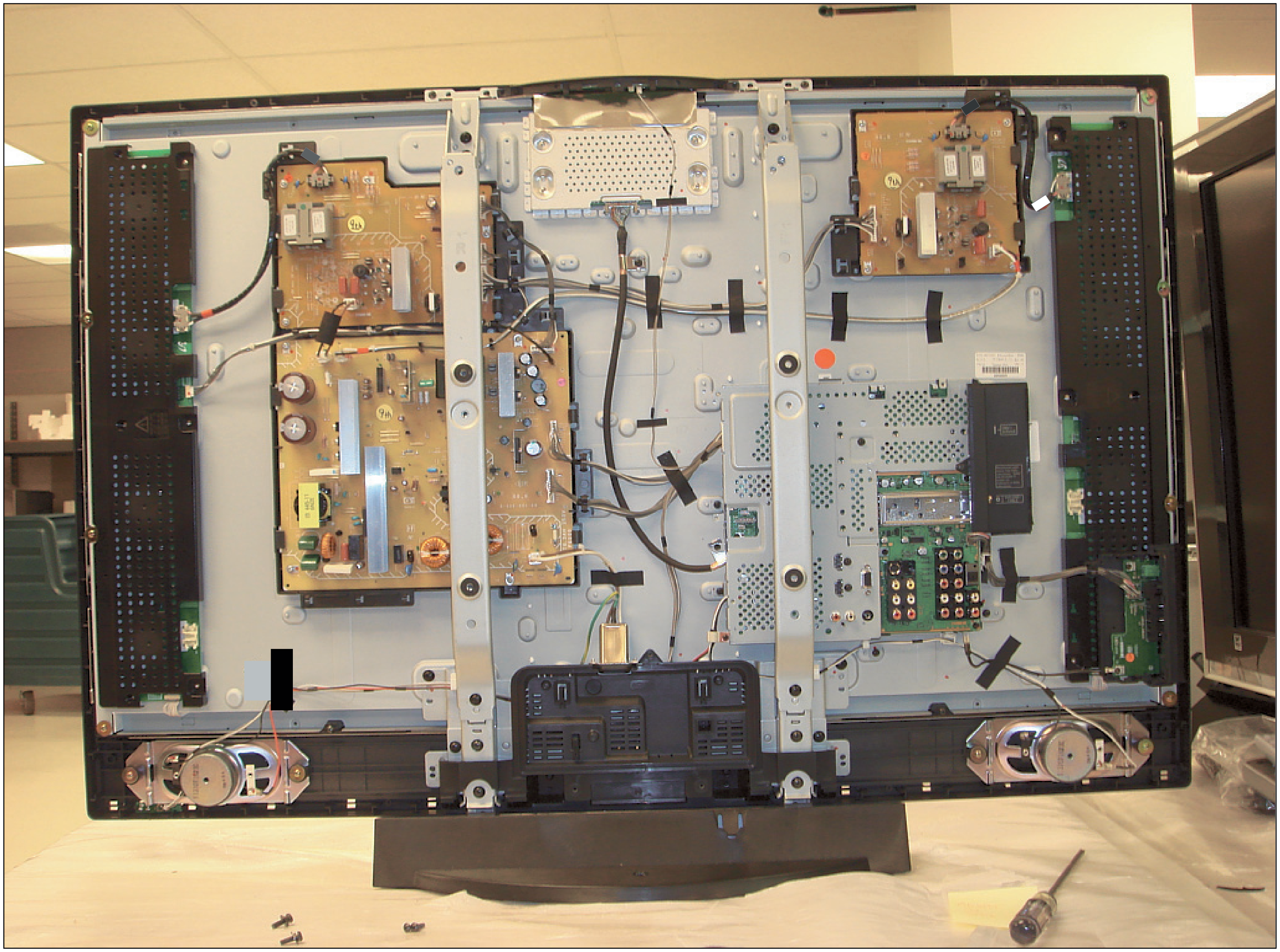


CAUTION: Keep LVDS Cables AWAY from JIG Connectors and Memory IC.

OPERATION PROCESS
Route LVDS Harness from BU-Board (CN4500) as shown. CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

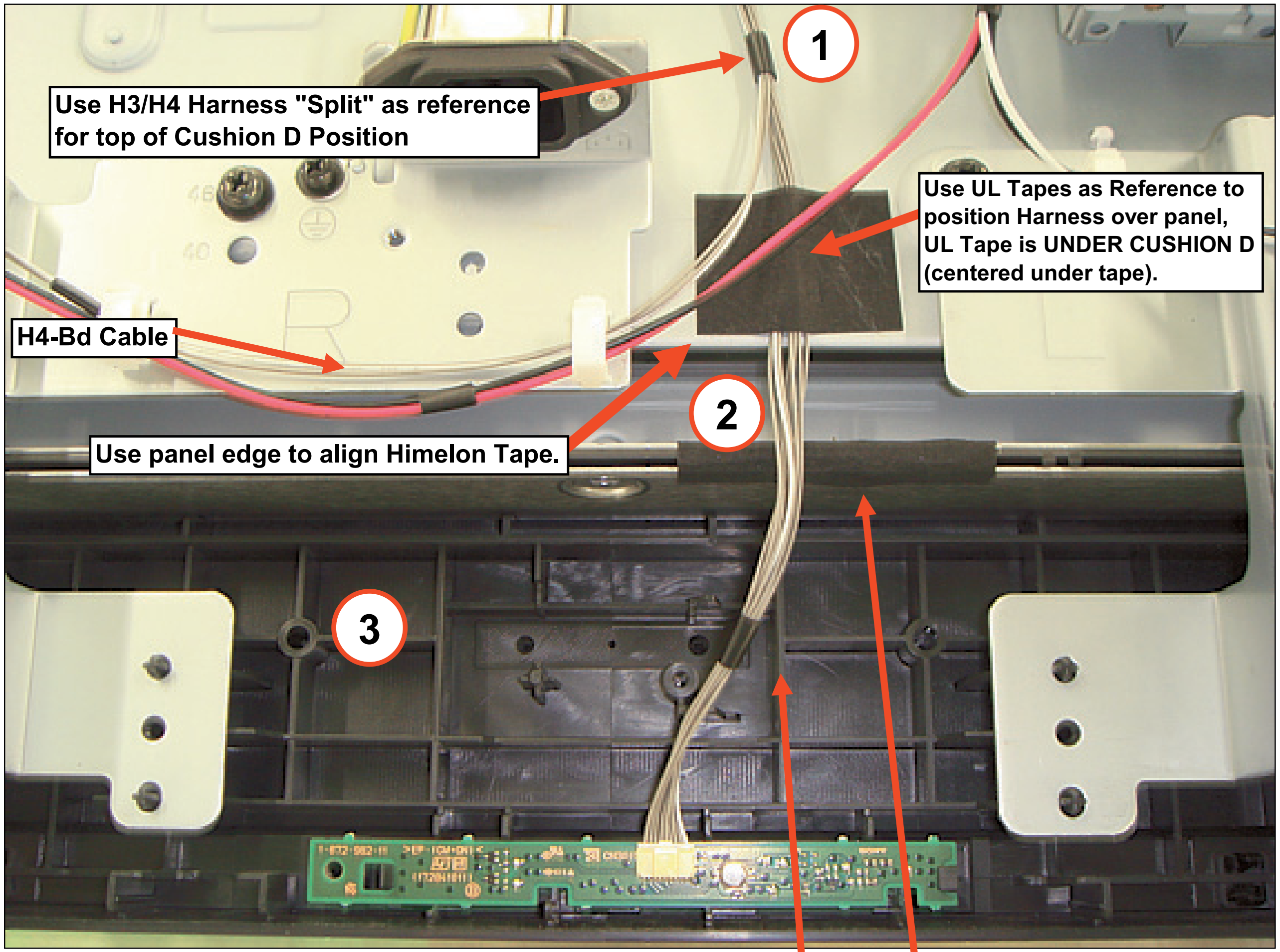
KDL-46S3000 ONLY

OVERALL VIEW



KDL-46S3000 ONLY

H3 BOARD HARNESS



Use H3/H4 Harness "Split" as reference for top of Cushion D Position

Use UL Tapes as Reference to position Harness over panel, UL Tape is UNDER CUSHION D (centered under tape).

Use panel edge to align Himelon Tape.

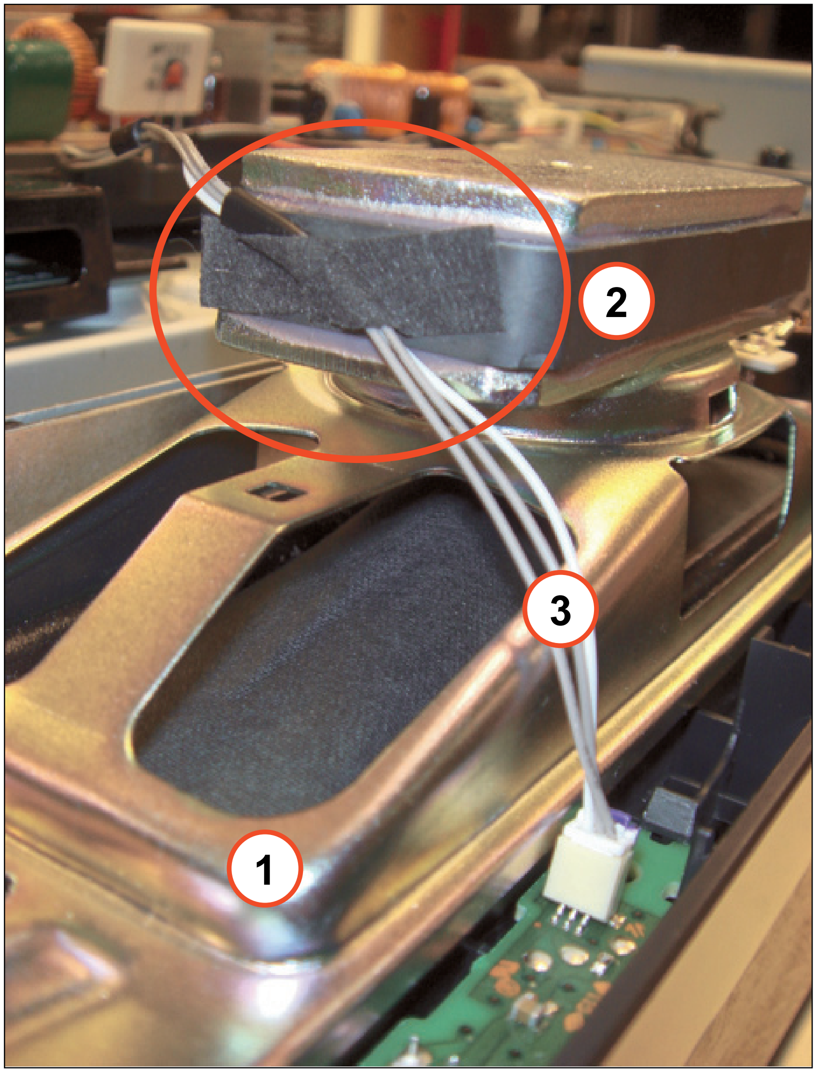
Use rib on bezel as reference to center Sheet Core C when applying to panel edge.

OPERATION PROCESS

1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
   Use rib on bezel (w/o screw boss) as a guide to center tape.
2. Apply Cushion D to hold H3 Cables.
   Use Edge of panel to align tape.
3. Dress H4 Cables and Rt Speaker cables in Side Clamp on Lower LCD Bracket.

KDL-46S3000 ONLY

H4 BOARD



OPERATION PROCESS

1. H4-Bd should be installed BEFORE the speaker/baffles are installed

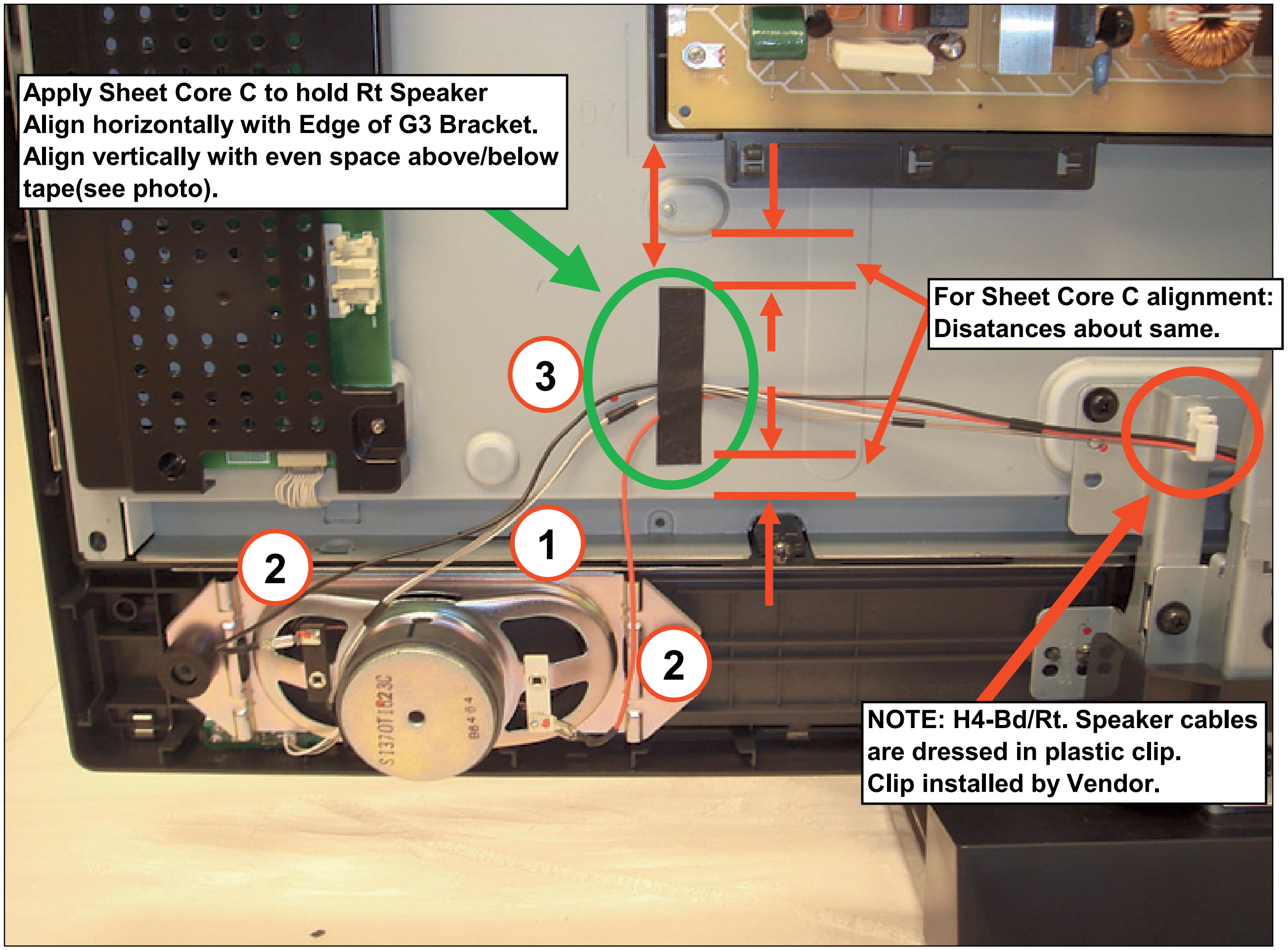
2. Be careful to align Plastic clip at left side of bezel with notch in PWB.

3. PRESS FIRMLY on PWB next to clip to seat H4-Bd. DO NOT USE Excessive force. PWB or clip WILL BREAK!

   Tape H4 wires to Bottom of panel edge.

KDL-46S3000 ONLY

H4 BOARD AND RIGHT SPEAKER



Apply Sheet Core C to hold Rt Speaker
Align horizontally with Edge of G3 Bracket.
Align vertically with even space above/below tape(see photo).

For Sheet Core C alignment:
Disatances about same.

NOTE: H4-Bd/Rt. Speaker cables are dressed in plastic clip.
Clip installed by Vendor.

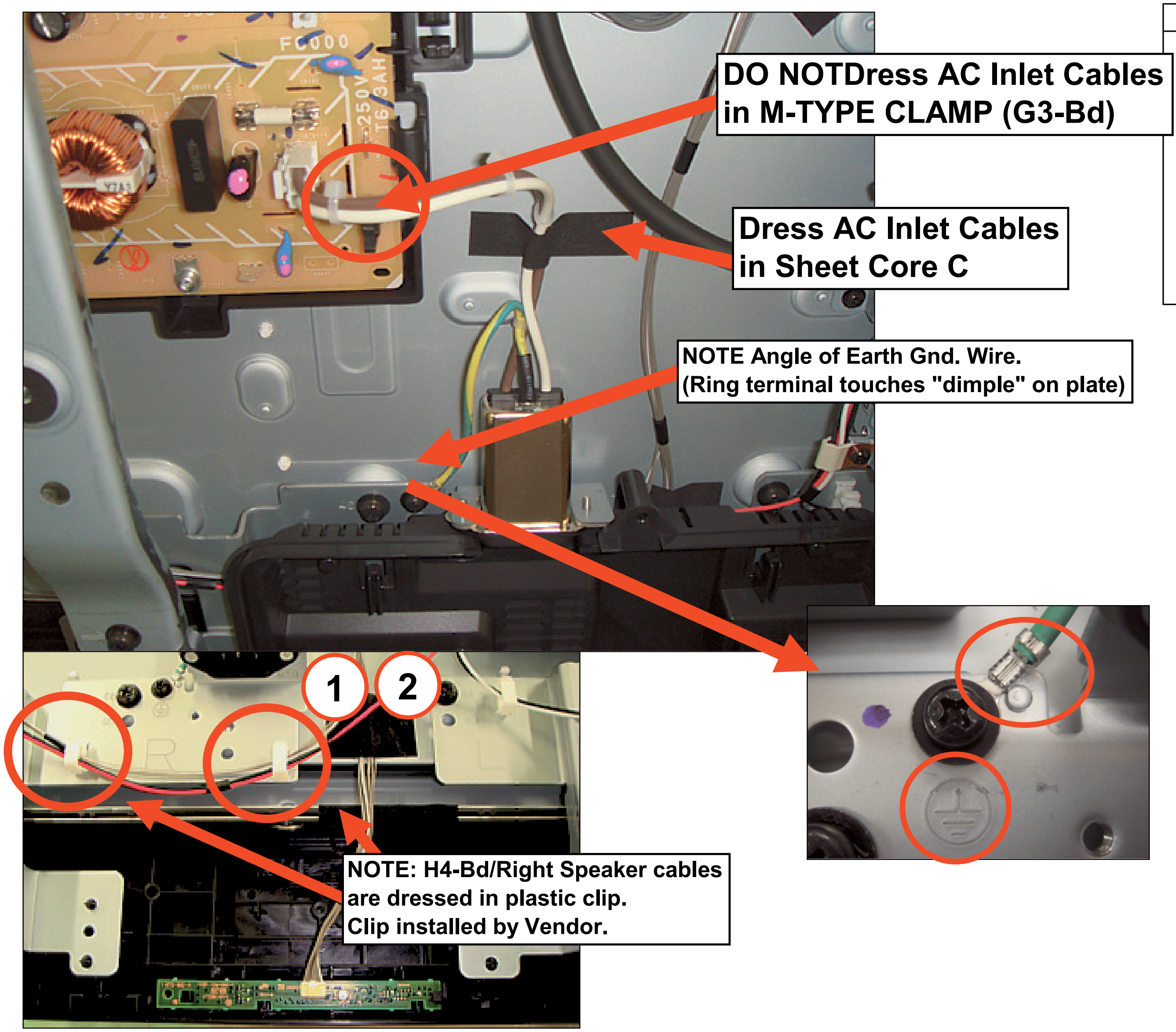
OPERATION PROCESS

Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clips (black).

NOTE: Rt. Spkr. Wires are NOT dressed in far left G-Bracket clip!

KDL-46S3000 ONLY

H4 BOARD AND RIGHT SPEAKER (CONTINUED)



DO NOTDress AC Inlet Cables in M-TYPE CLAMP (G3-Bd)

Dress AC Inlet Cables in Sheet Core C

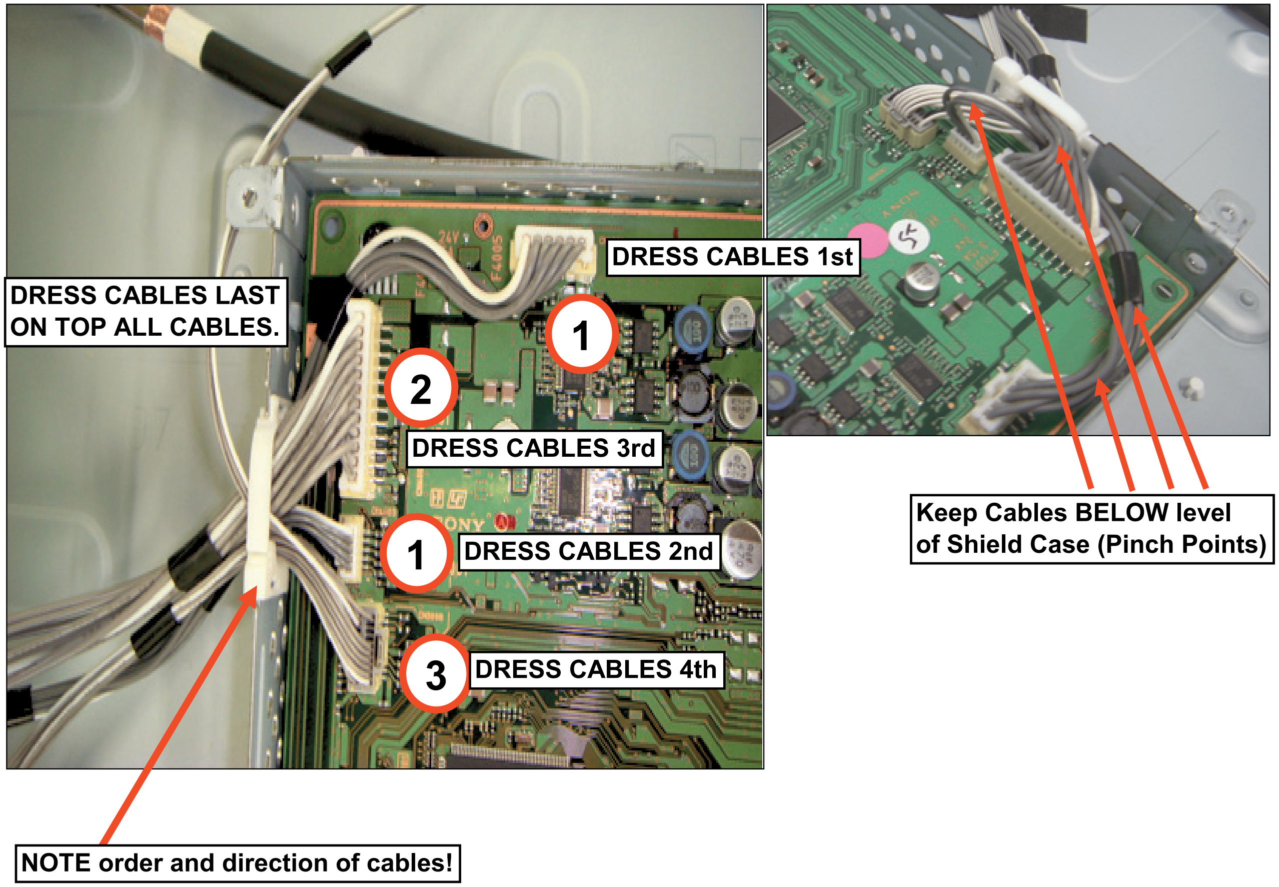
NOTE Angle of Earth Gnd. Wire.
(Ring terminal touches "dimple" on plate)

NOTE: H4-Bd/Right Speaker cables are dressed in plastic clip.
Clip installed by Vendor.

OPERATION PROCESS
Dress H4/Rt. Speaker cables in white side clips. Dress AC Inlet Cables in Plastic clip on the G-Bracket as shown. Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)

KDL-46S3000 ONLY

CORE BLOCK HARNESS


DRESS CABLES 1st
DRESS CABLES LAST
ON TOP ALL CABLES.
1
2
DRESS CABLES 3rd
1
DRESS CABLES 2nd
3
DRESS CABLES 4th
NOTE order and direction of cables!
Keep Cables BELOW level
of Shield Case (Pinch Points)

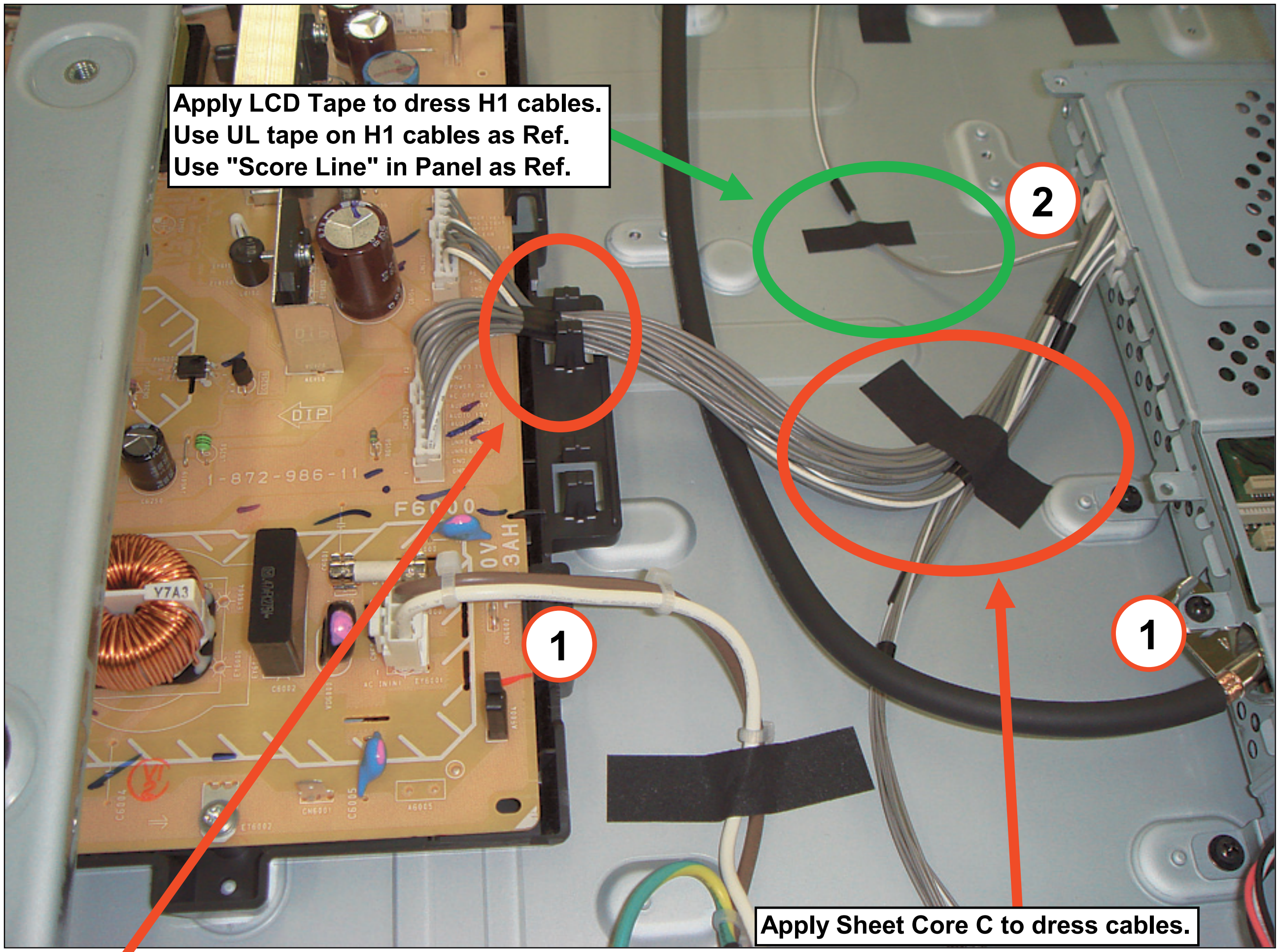
OPERATION PROCESS

Route/Dress Harnesses connected to Core Block as Shown

NOTE Order & Direction of Cables in plastic Clip on Shield Case.

KDL-46S3000 ONLY

CORE BLOCK HARNESS (CONTINUED)

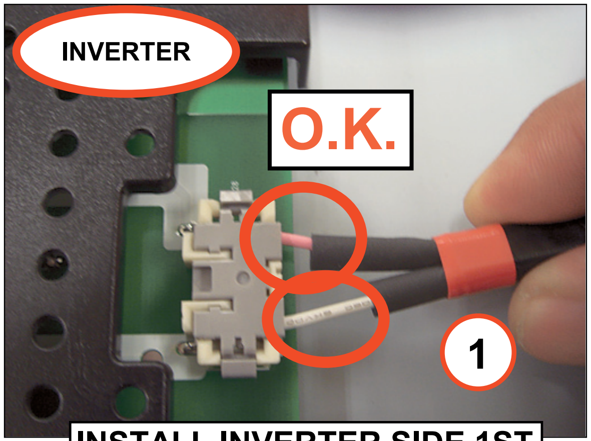

Apply LCD Tape to dress H1 cables.
Use UL tape on H1 cables as Ref.
Use "Score Line" in Panel as Ref.
2
1
1
Apply Sheet Core C to dress cables.

Dress G3-Bd Cables in G-Bracket Clip

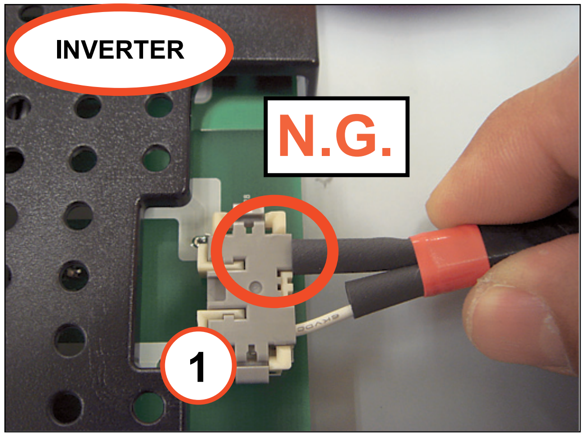
OPERATION PROCESS
1. Route/Dress Core-Block cables as shown 2. Put Attention on the position of Sheet Core C and the routing of the cables between G3-Bd and Core Block.

KDL-46S3000 ONLY

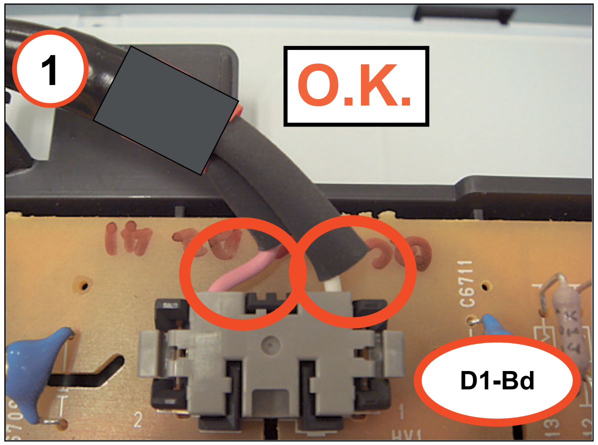
INVERTER BOARD AND D1 BOARD

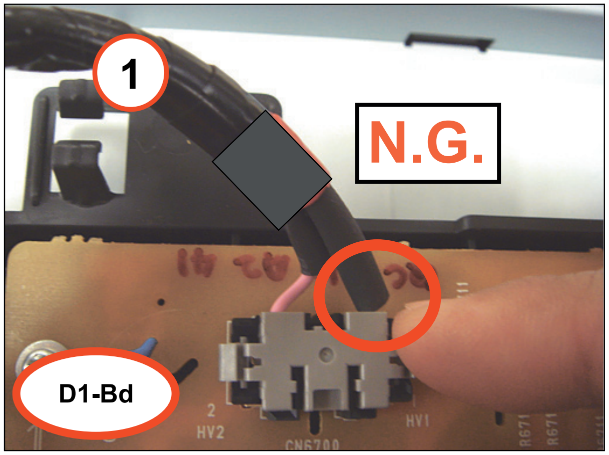

INVERTER
O.K.
1

INSTALL INVERTER SIDE 1ST


INVERTER
N.G.
1

INSTALL D1-Bd SIDE 2ND





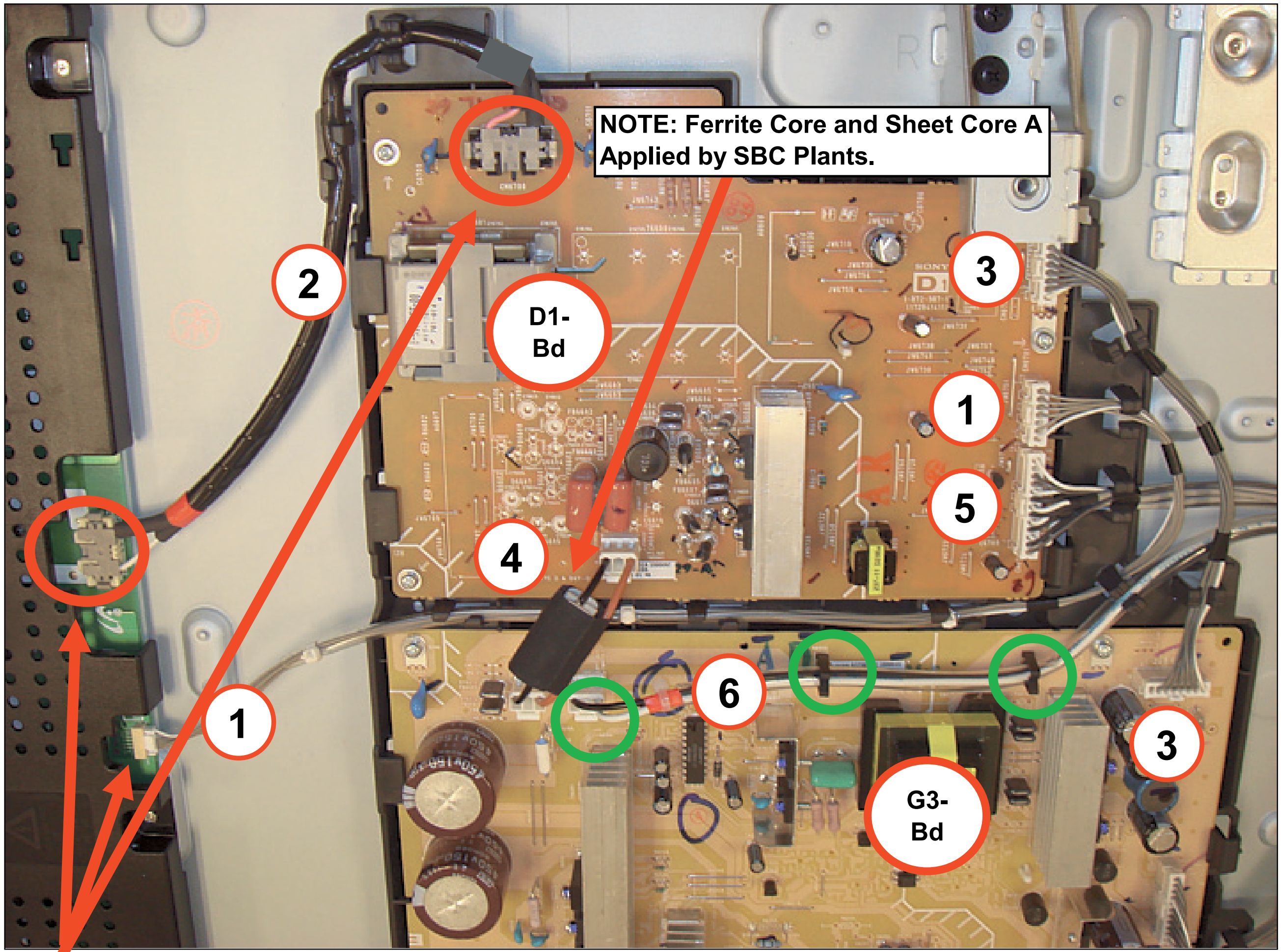
OPERATION PROCESS

CAUTION
MAKE SURE BLACK INSULATION
TUBING DOES NOT TOUCH CONN
BEFORE INSTALLING 2P MD CONN.

AFTER INSTALLING CONNECTOR, TUBE
INSULATION CAN TOUCH CONNECTOR!

KDL-46S3000 ONLY

G3 BOARD AND D1 BOARD

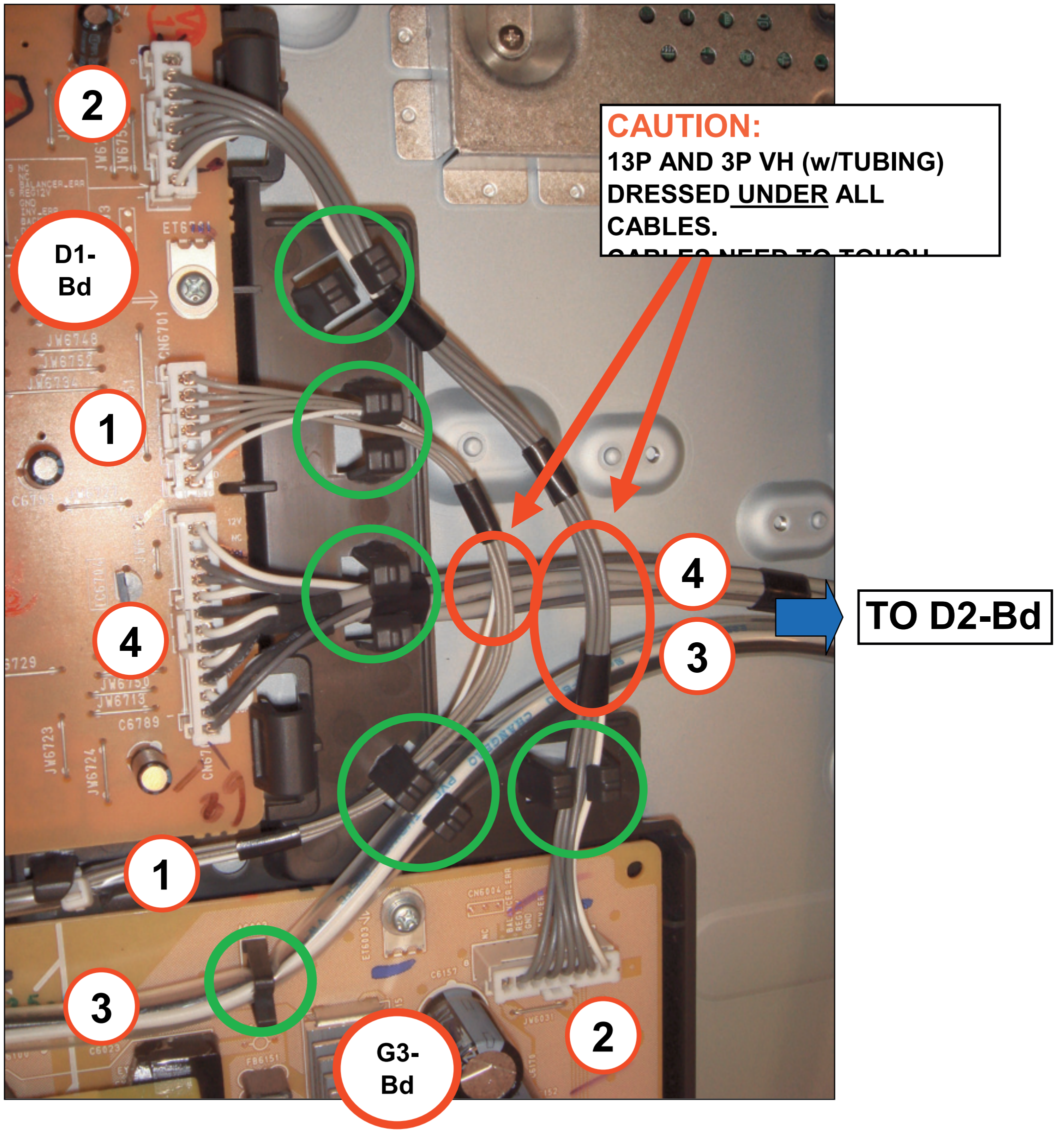

NOTE: Ferrite Core and Sheet Core A Applied by SBC Plants.
2
D1-Bd
3
1
5
4
6
1
3
G3-Bd

CAUTION: Make Sure Inverter Connector is Fully LOCKED!

OPERATION PROCESS
Install/Wire Dress Harnesses as shown. **CAUTION**: Make sure INVERTER CONN. is Fully LOCKED!!

KDL-46S3000 ONLY

G3 BOARD AND D1 BOARD (CONTINUED)



CAUTION:
13P AND 3P VH (w/TUBING) DRESSED UNDER ALL CABLES.

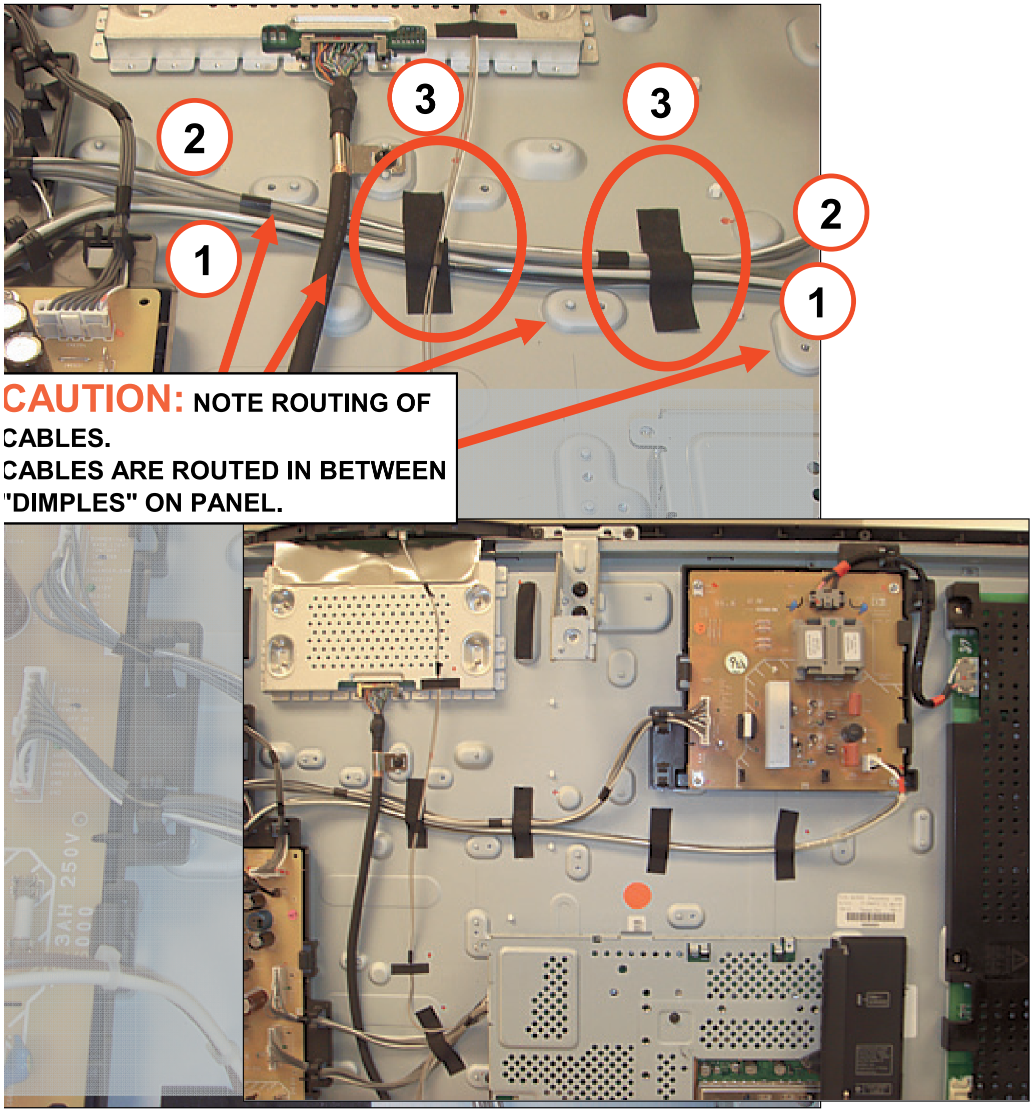
OPERATION PROCESS

Install/Wire Dress Harnesses as shown.

CAUTION: Make sure 13P AND 3P VH (w/TUBING) IS DRESSED BELOW ALL HARNESS (NEED TO TOUCH PANEL).

KDL-46S3000 ONLY

G3 BOARD AND D2 BOARD



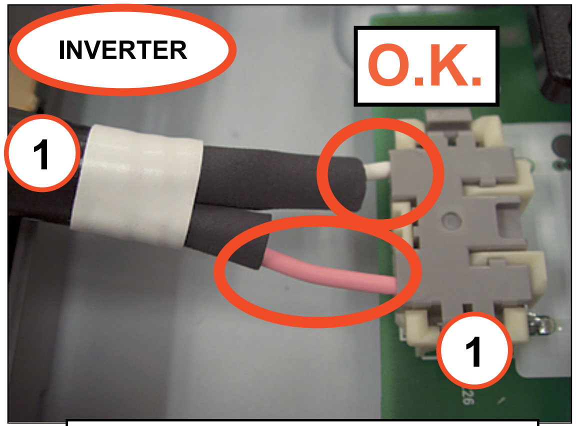
CAUTION: **NOTE ROUTING OF CABLES.**
CABLES ARE ROUTED IN BETWEEN "DIMPLES" ON PANEL.

OPERATION PROCESS

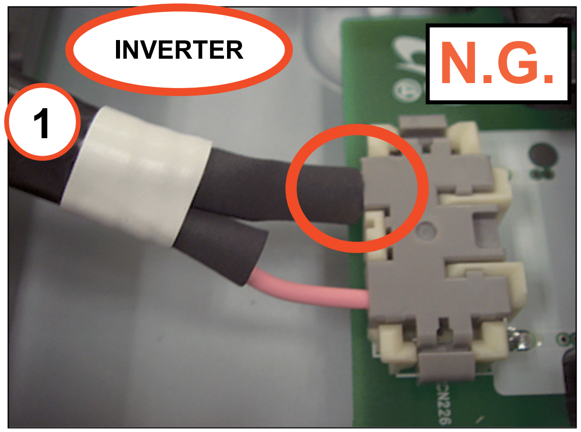
1. MAKE SURE COLOR of UL tape is the correct color (RED) for harness.
   Confirm wires are dressed properly in clips.
2. Dress D2 harness as shown
3. Apply Sheet Core C to 3P VH Conn Assy. As shown.

KDL-46S3000 ONLY

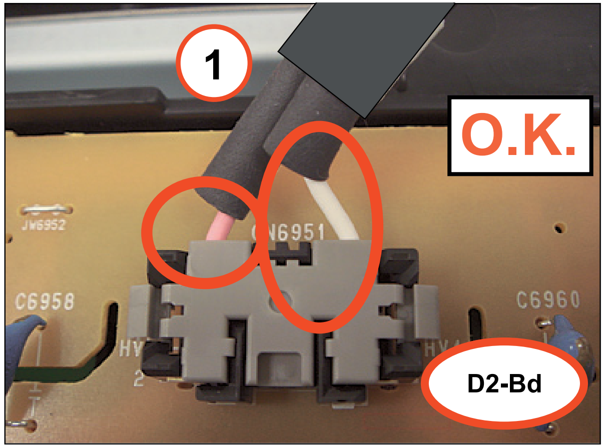
INVERTER BOARD AND D2 BOARD

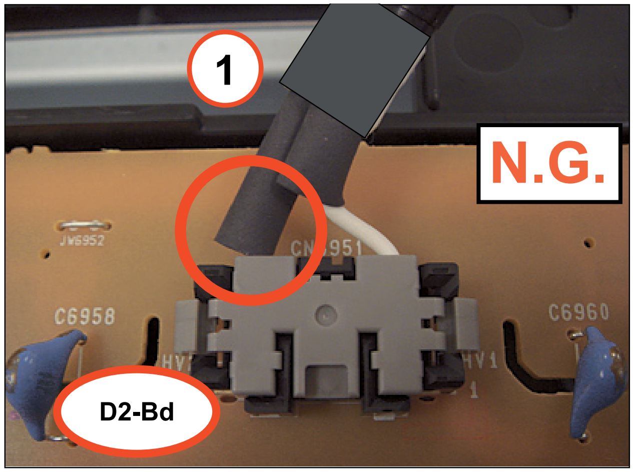

INVERTER
O.K.
1
1

INSTALL INVERTER SIDE 1ST


INVERTER
N.G.
1
CN226

INSTALL D1-Bd SIDE 2ND


1
O.K.
JW6952
CN6951
C6958
C6960
HV2
HV1
D2-Bd


1
N.G.
JW6952
CN6951
C6958
C6960
HV1
D2-Bd

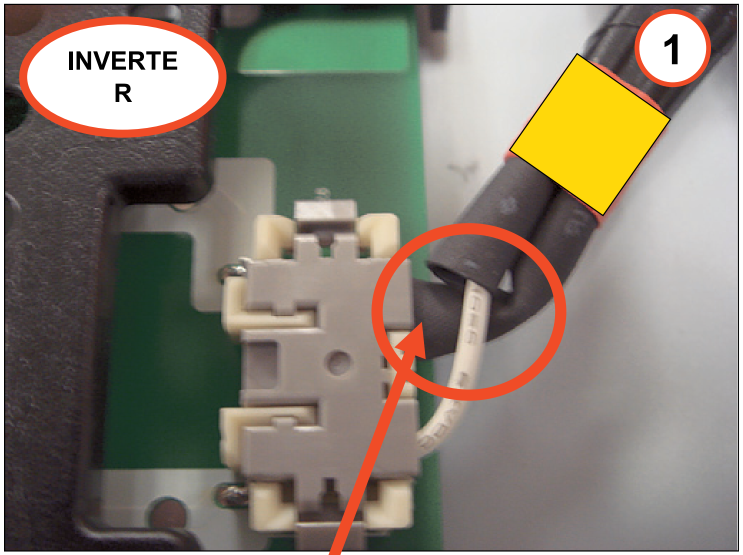
OPERATION PROCESS

CAUTION
MAKE SURE BLACK INSULATION
TUBING DOES NOT TOUCH CONN
BEFORE INSTALLING 2P MD CONN.

AFTER INSTALLING CONNECTOR, TUBE
INSULATION CAN TOUCH CONNECTOR!

KDL-46S3000 ONLY

INVERTER BOARD, D1 BOARD AND D2 BOARD



CAUTION: **Make Sure Inverter Connector DOES NOT CROSS WHITE/PINK WIRES!**

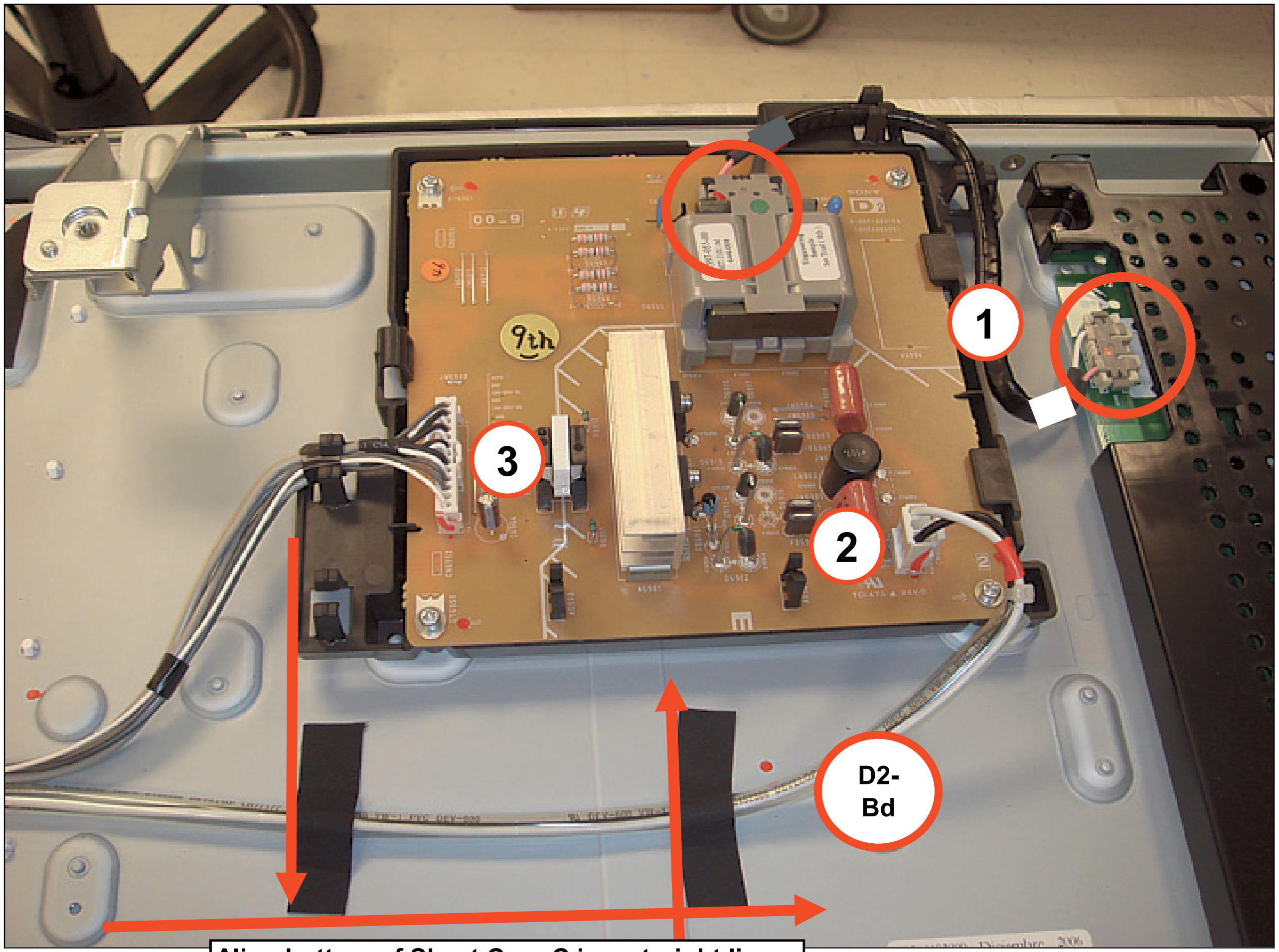
CHECK BOTH SIDES OF HARNESS!
(INVERTER CONN / D1/D2-Bd CONN)

OPERATION PROCESS

CAUTION:
MAKE SURE WHITE/PINK WIRES
DO NOT CROSS.
CHECK INVERTER TO D1 WIRES
CHECK INVERTER TO D2 WIRES

KDL-46S3000 ONLY

D2 BOARD



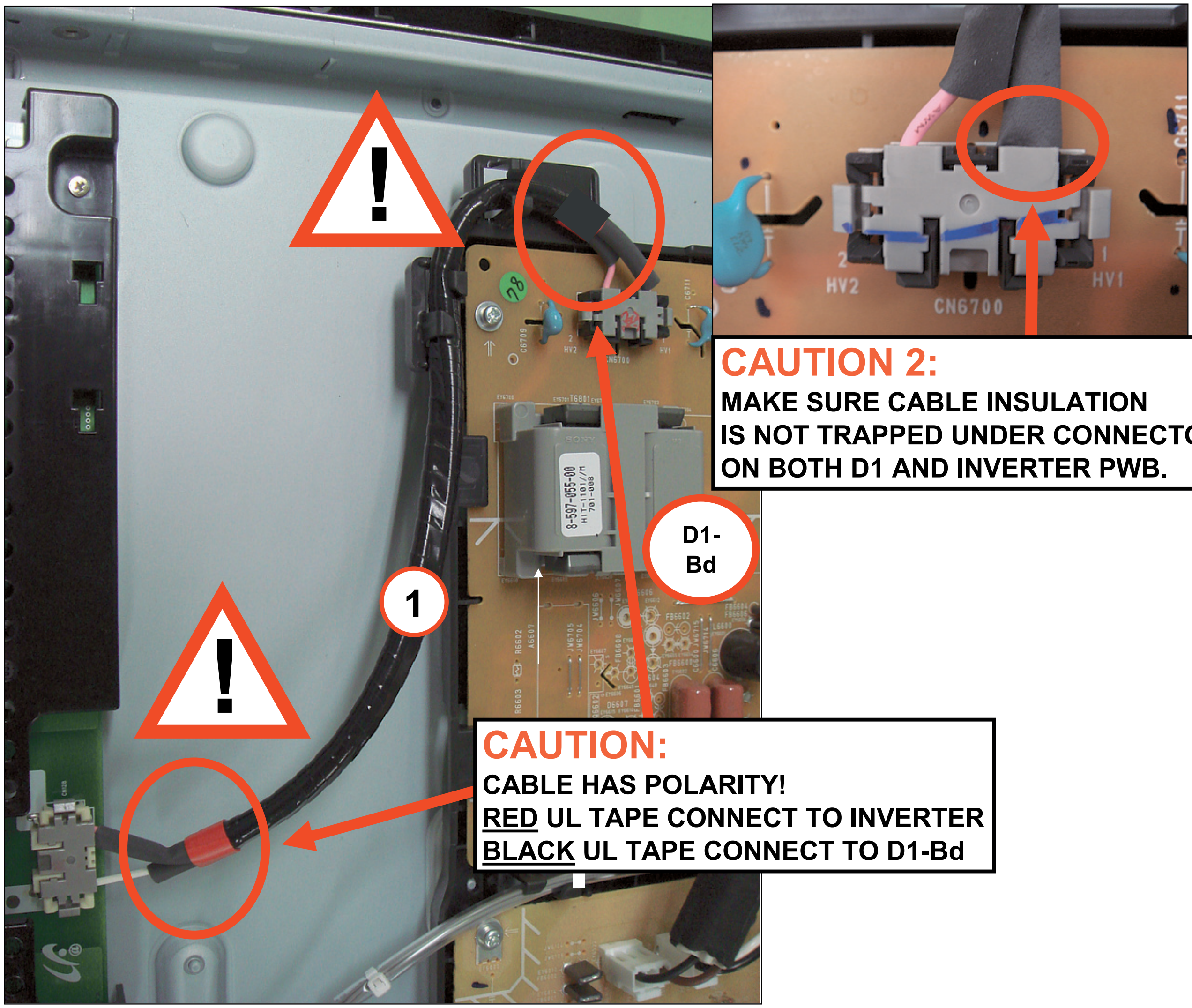
Align bottom of Sheet Core C in a straight line with bottom of "dimple on panel".
Align LEFT Tape with edge of D2 Bracket
Align RIGHT Tape with Vertical RIDGE on Panel.

OPERATION PROCESS

1. MAKE SURE COLOR of UL tape is the correct color (WHITE/BLACK) for harness. Confirm wires are dressed properly in clips.
2. Dress D2 harness as shown
3. Apply Sheet Core C to 3P VH Conn Assy. As shown.

KDL-46S3000 ONLY

D1 BOARD AND INVERTER BOARD CAUTION



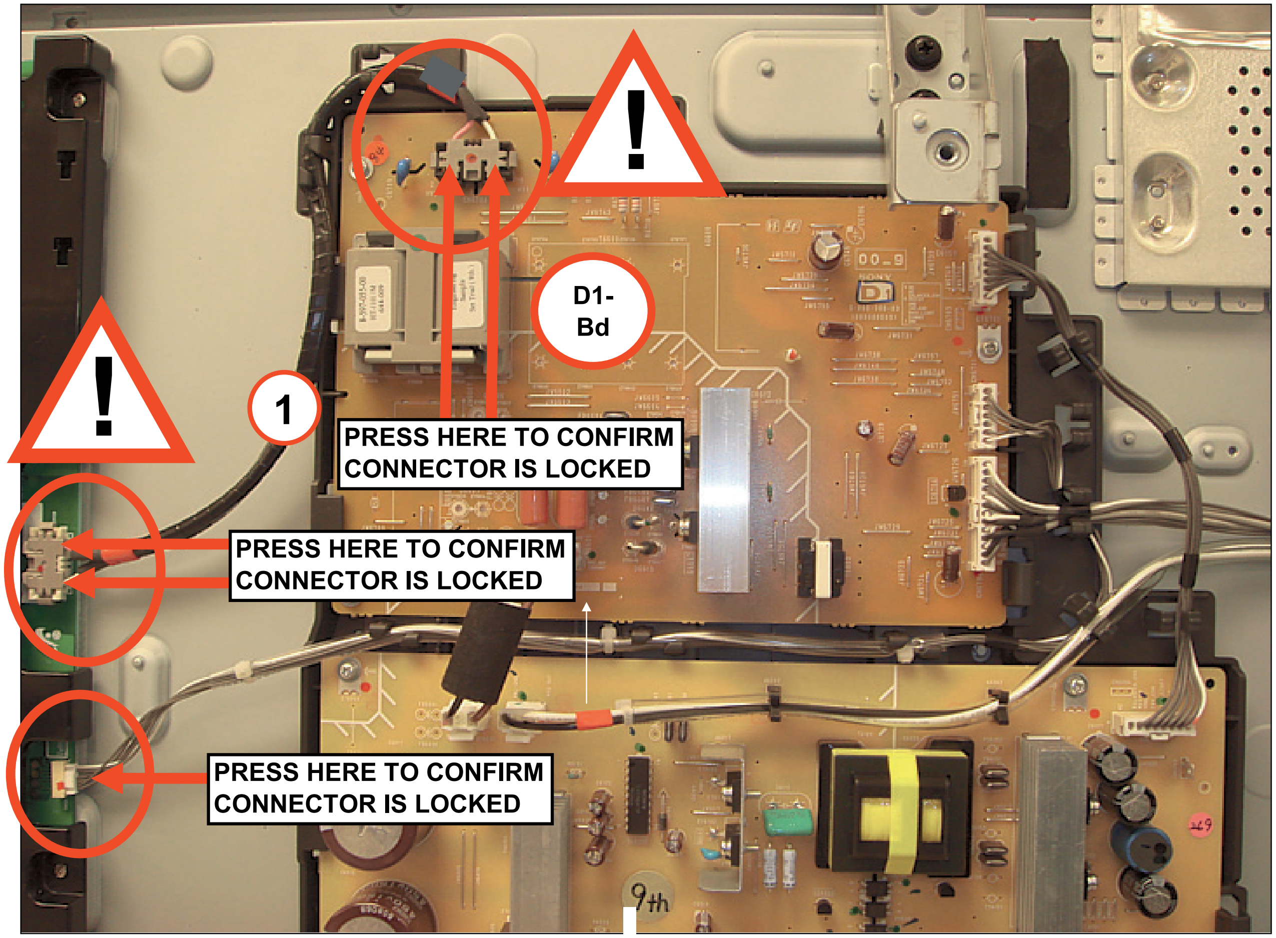
CAUTION 2:
MAKE SURE CABLE INSULATION IS NOT TRAPPED UNDER CONNECTOR ON BOTH D1 AND INVERTER PWB.

CAUTION:
CABLE HAS POLARITY!
RED UL TAPE CONNECT TO INVERTER
BLACK UL TAPE CONNECT TO D1-Bd

OPERATION PROCESS
MAKE SURE COLOR of UL tape is the correct color (RED) to connect to Inverter. Confirm wires are dressed properly in clips. Confirm BLACK UL tape Connect to D1-Bd. MAKE SURE INSUALTION TUBING DOES NOT GET TRAPPED UNDER CONNECTOR HOUSING.

KDL-46S3000 ONLY

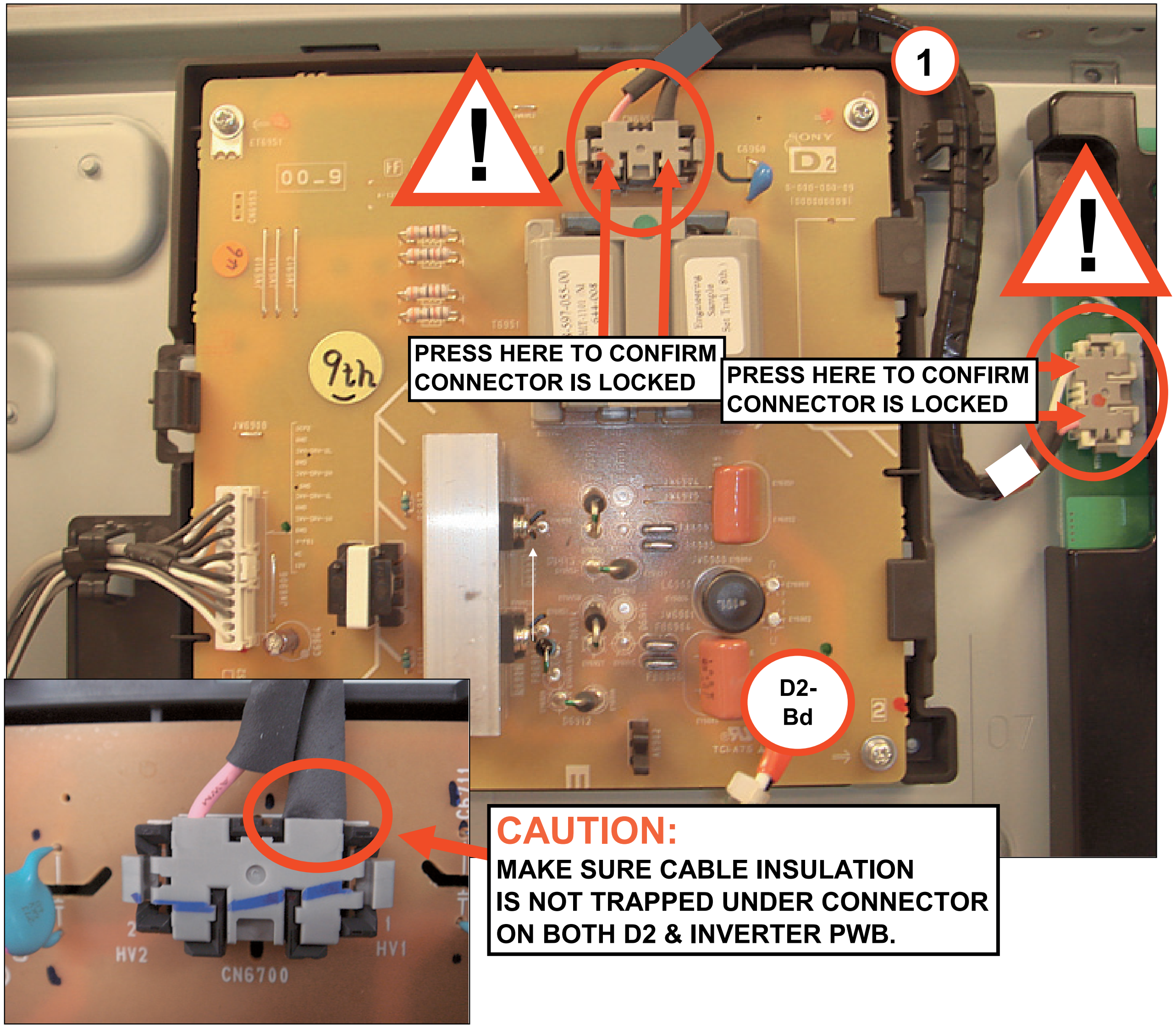
D1 BOARD AND INVERTER BOARD CAUTION (CONTINUED)


!
D1-
Bd
1
PRESS HERE TO CONFIRM
CONNECTOR IS LOCKED
PRESS HERE TO CONFIRM
CONNECTOR IS LOCKED
PRESS HERE TO CONFIRM
CONNECTOR IS LOCKED
9th

OPERATION PROCESS
MAKE SURE COLOR of UL tape is the correct color (RED/BLK) for harness. Confirm wires are dressed properly in clips. Confirm 2P BD Connectors are FULLY LOCKED by pressing on BOTH locking tabs (RED ARROWS). MARK the 2P BD Connector Housing with "CHECKED" Mark or Stamping.

KDL-46S3000 ONLY

D1 BOARD AND INVERTER BOARD CAUTION (CONTINUED)



PRESS HERE TO CONFIRM CONNECTOR IS LOCKED

PRESS HERE TO CONFIRM CONNECTOR IS LOCKED

CAUTION:
MAKE SURE CABLE INSULATION IS NOT TRAPPED UNDER CONNECTOR ON BOTH D2 & INVERTER PWB.

OPERATION PROCESS

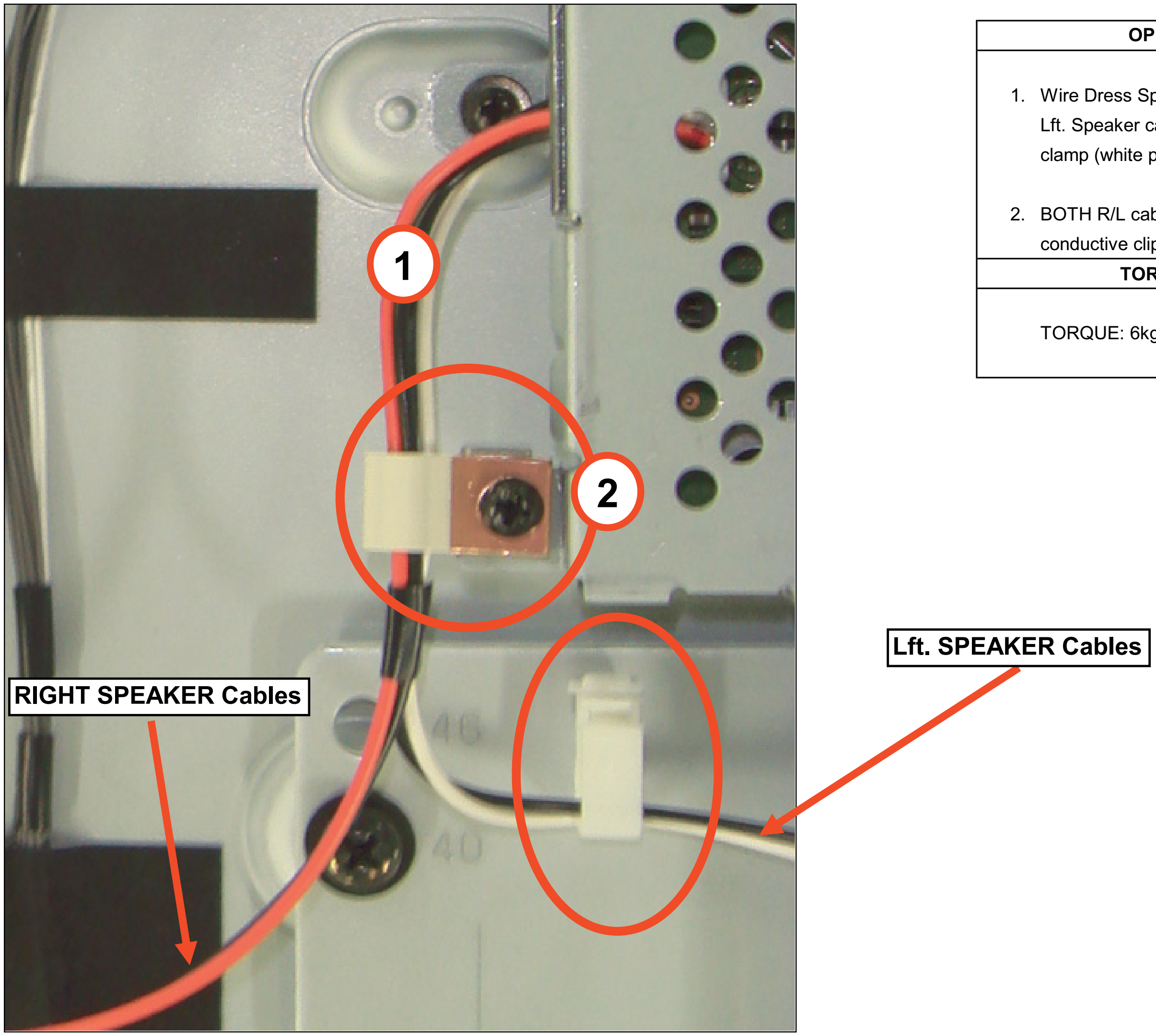
MAKE SURE COLOR of UL tape is the correct color (WHITE/BLK) for harness. Confirm wires are dressed properly in clips.

Confirm 2P BD Connectors are FULLY LOCKED by pressing on BOTH locking tabs (RED ARROWS).

MARK the 2P BD Connector Housing with "CHECKED" Mark or Stamping.

KDL-46S3000 ONLY

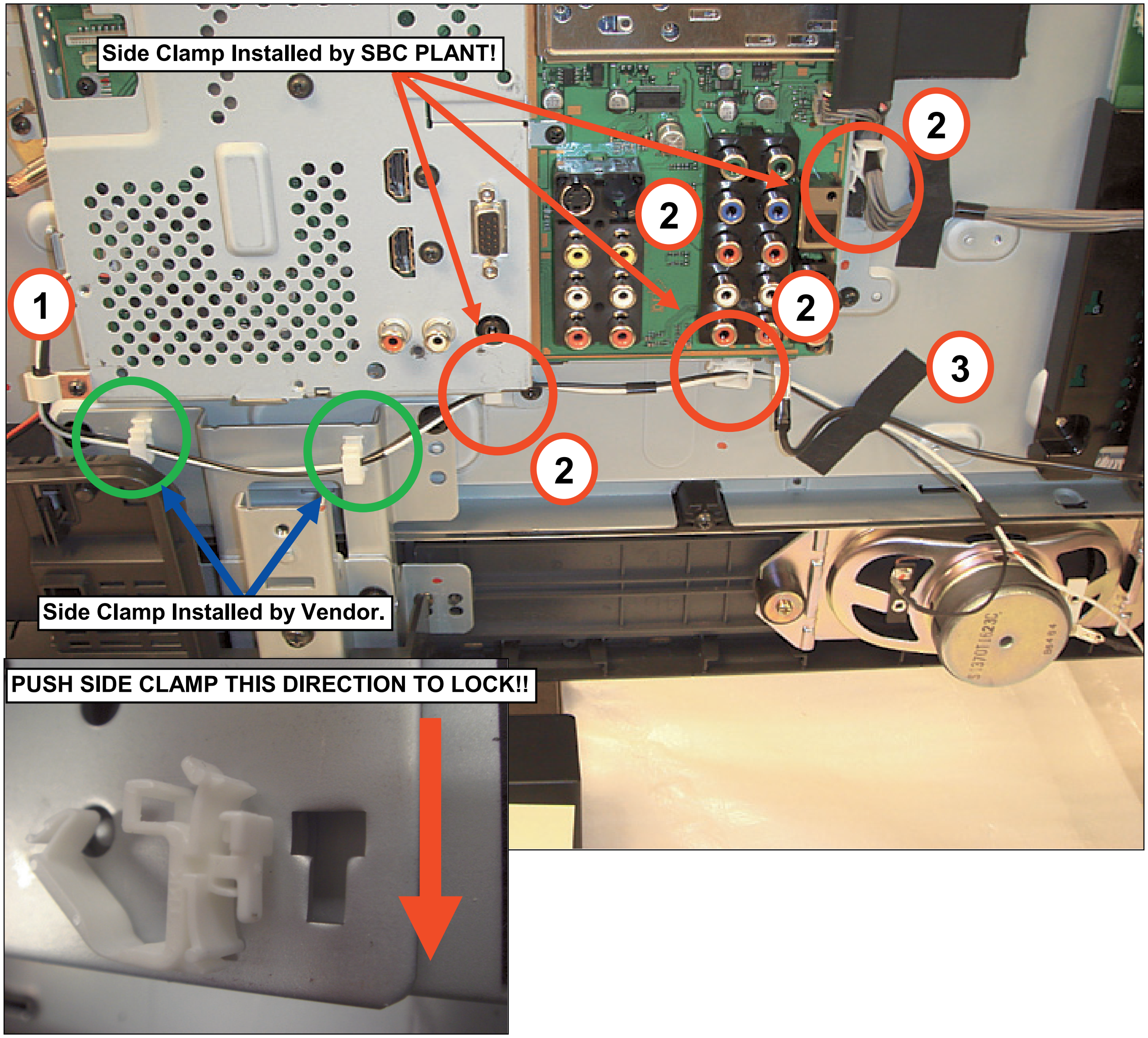
D2 BOARD AND INVERTER BOARD CAUTION


1
2
RIGHT SPEAKER Cables
Lft. SPEAKER Cables
46
40

OPERATION PROCESS
1. Wire Dress Speaker Cables as shown. Lft. Speaker cable is dressed in side clamp (white plastic). 2. BOTH R/L cables are dressed in FGC-3 conductive clip.
TORQUE SPECIFICATION
TORQUE: 6kg.cm (+-1.0kg.cm)

KDL-46S3000 ONLY

SPEAKER CABLES


Side Clamp Installed by SBC PLANT!
1
2
2
2
2
3
Side Clamp Installed by Vendor.
PUSH SIDE CLAMP THIS DIRECTION TO LOCK!!

OPERATION PROCESS

1. Dress LEFT speaker harness as shown
2. Install Sheet Core C to hold BOTH U1 Gnd Wire AND Lft. Speaker wires to panel.

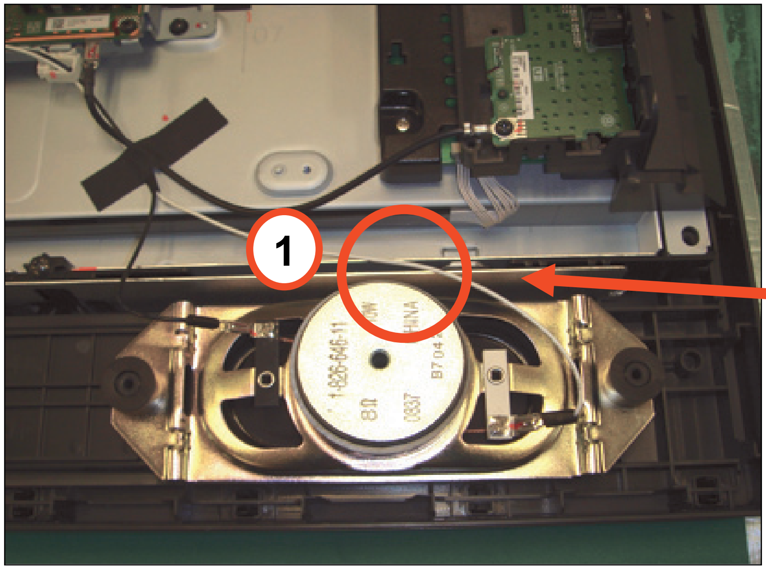
KDL-46S3000 ONLY

LEFT SPEAKER HARNESS

OPERATION PROCESS

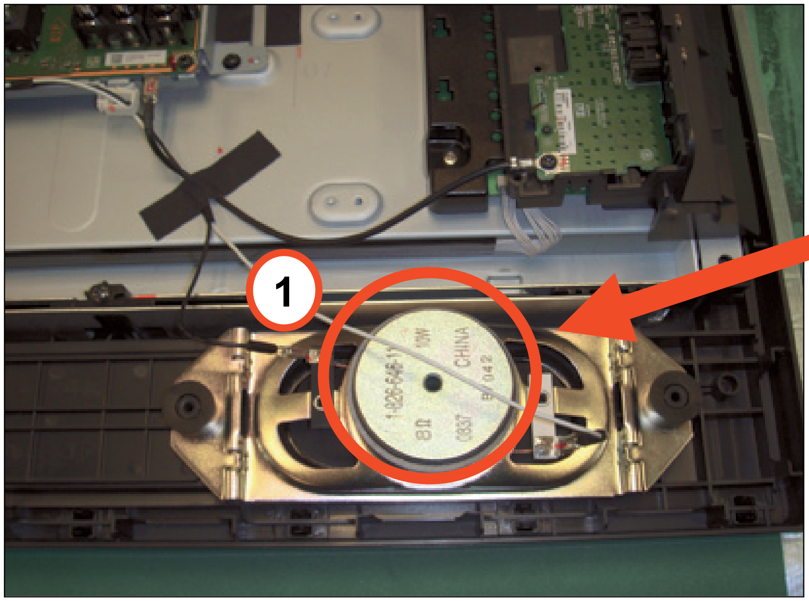
DO NOT allow LFT. Speaker wire (white) to cross over magnet on speaker.

Keep white wire CLEAR of magnet.



O.K.

Spkr. Wire NO CROSS Magnet.

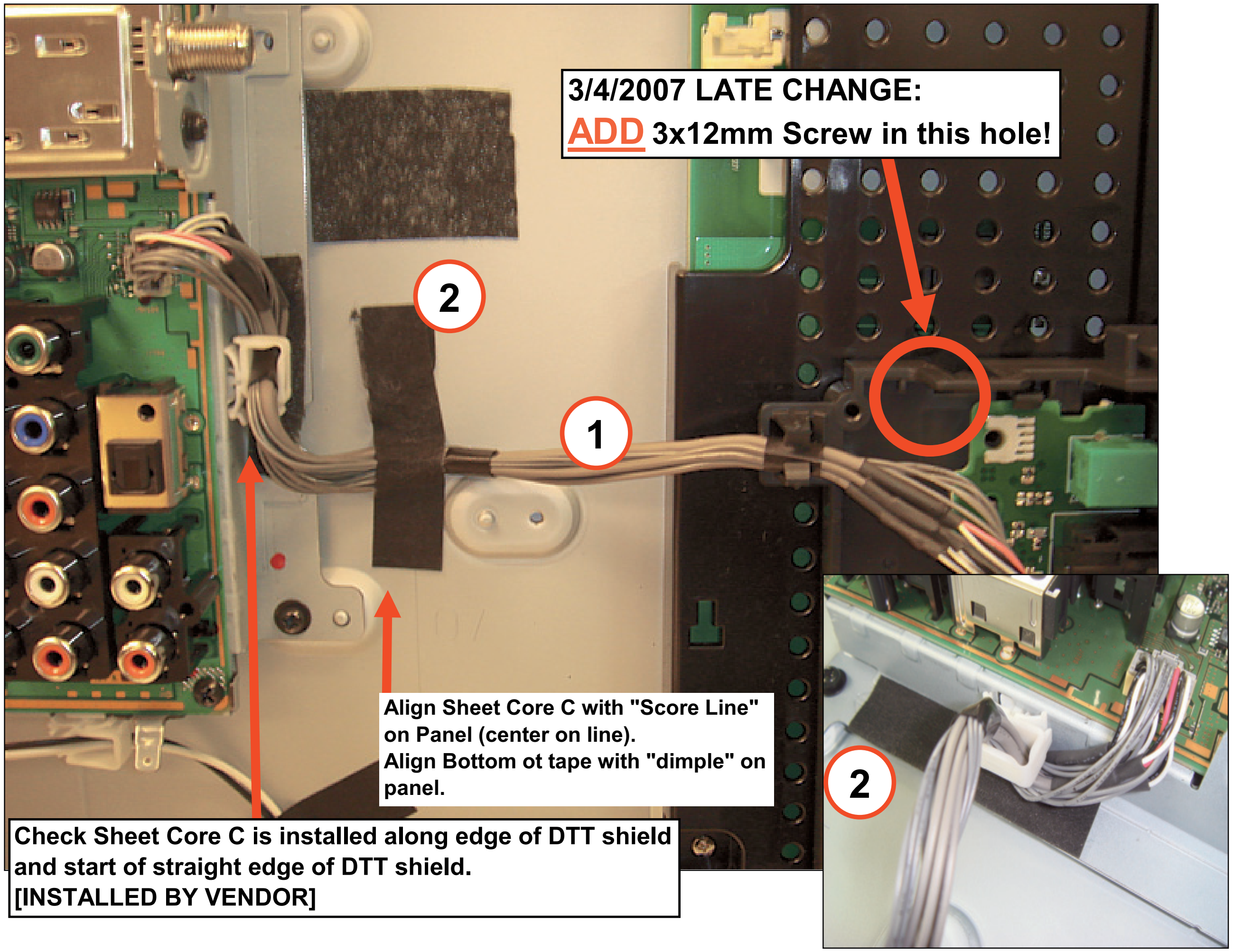


N.G.

Spkr. Wire CROSS Magnet.

KDL-46S3000 ONLY

U1 BOARD



3/4/2007 LATE CHANGE:
ADD 3x12mm Screw in this hole!

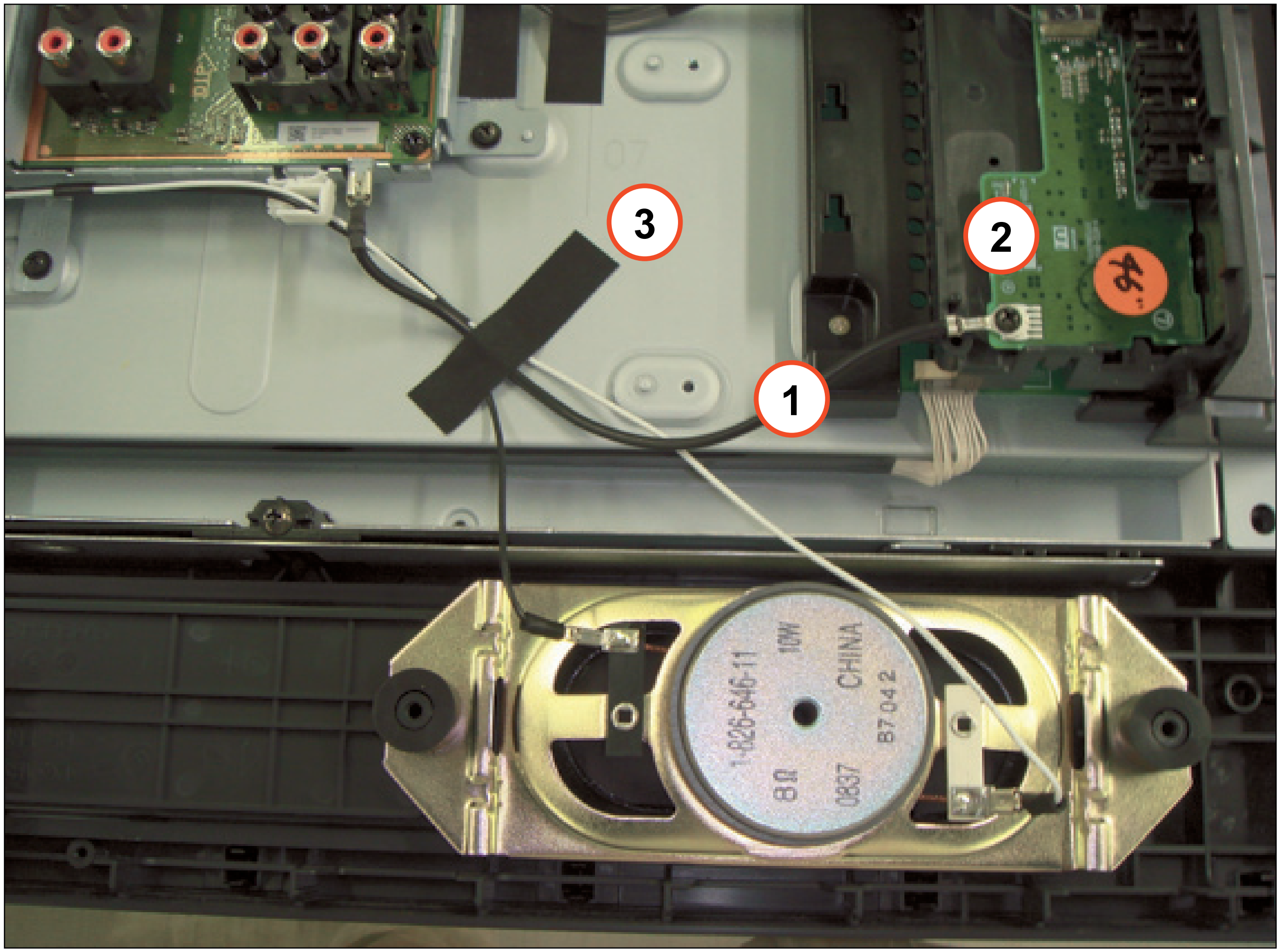
Align Sheet Core C with "Score Line" on Panel (center on line).
Align Bottom ot tape with "dimple" on panel.

Check Sheet Core C is installed along edge of DTT shield and start of straight edge of DTT shield.
[INSTALLED BY VENDOR]

OPERATION PROCESS
Apply Sheet Core C to Panel. Use "Score Line" to center Tape. Use Bottom of "Dimple" to align bottom of tape. Make sure DTT Shield has Sheet Core C (Installed by Vendor) Wire Dress 20P Harness as shown. Put attention on DIRECTION of wires from BU-Bd inside side clamp on DTT Shield!

KDL-46S3000 ONLY

U1 BOARD (CONTINUED)



OPERATION PROCESS

1. Wire route ESD GND wire as shown
(NOTE: Actual Part will have RED insulation)

2. Use 3x12mm screw to fix ring terminal in U1 Bracket

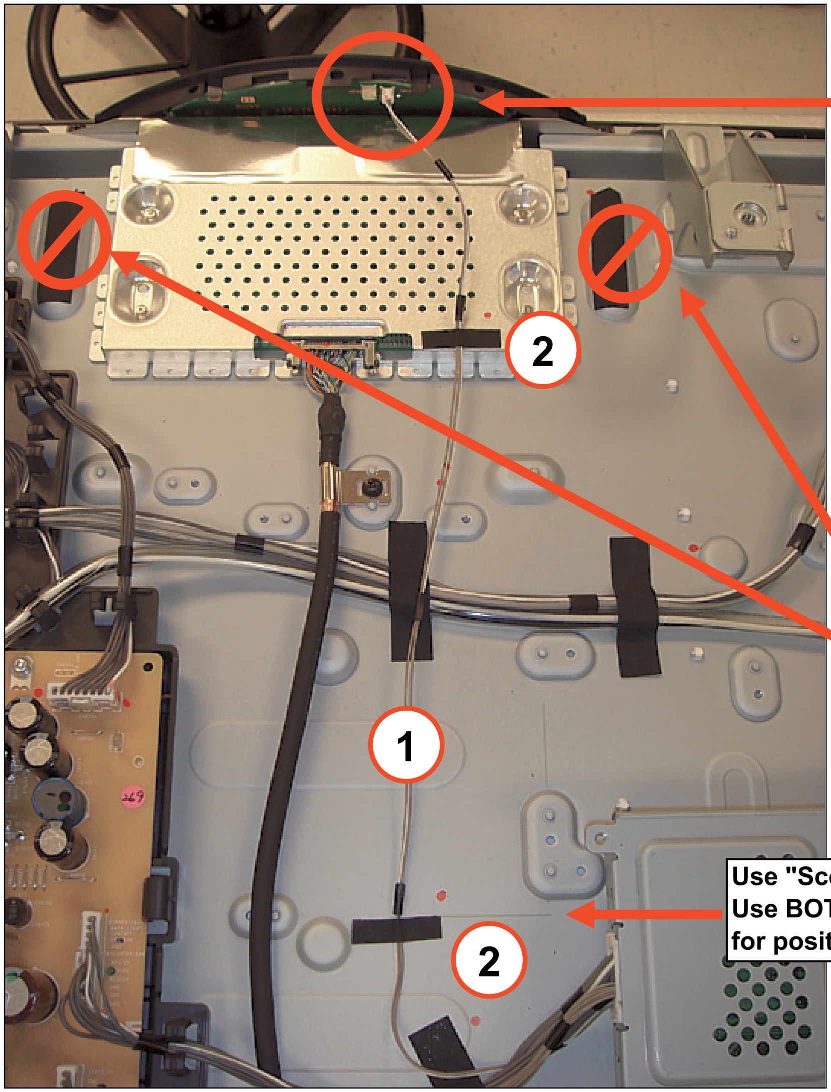
3. Apply Sheet Core C to hold cable on panel. Tape Lft. Speaker cables together with Ground Wire.

TORQUE SPECIFICATION

3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-46S3000 ONLY

H1 BOARD



NOTE which connector harness is attached to on H1-Bd.

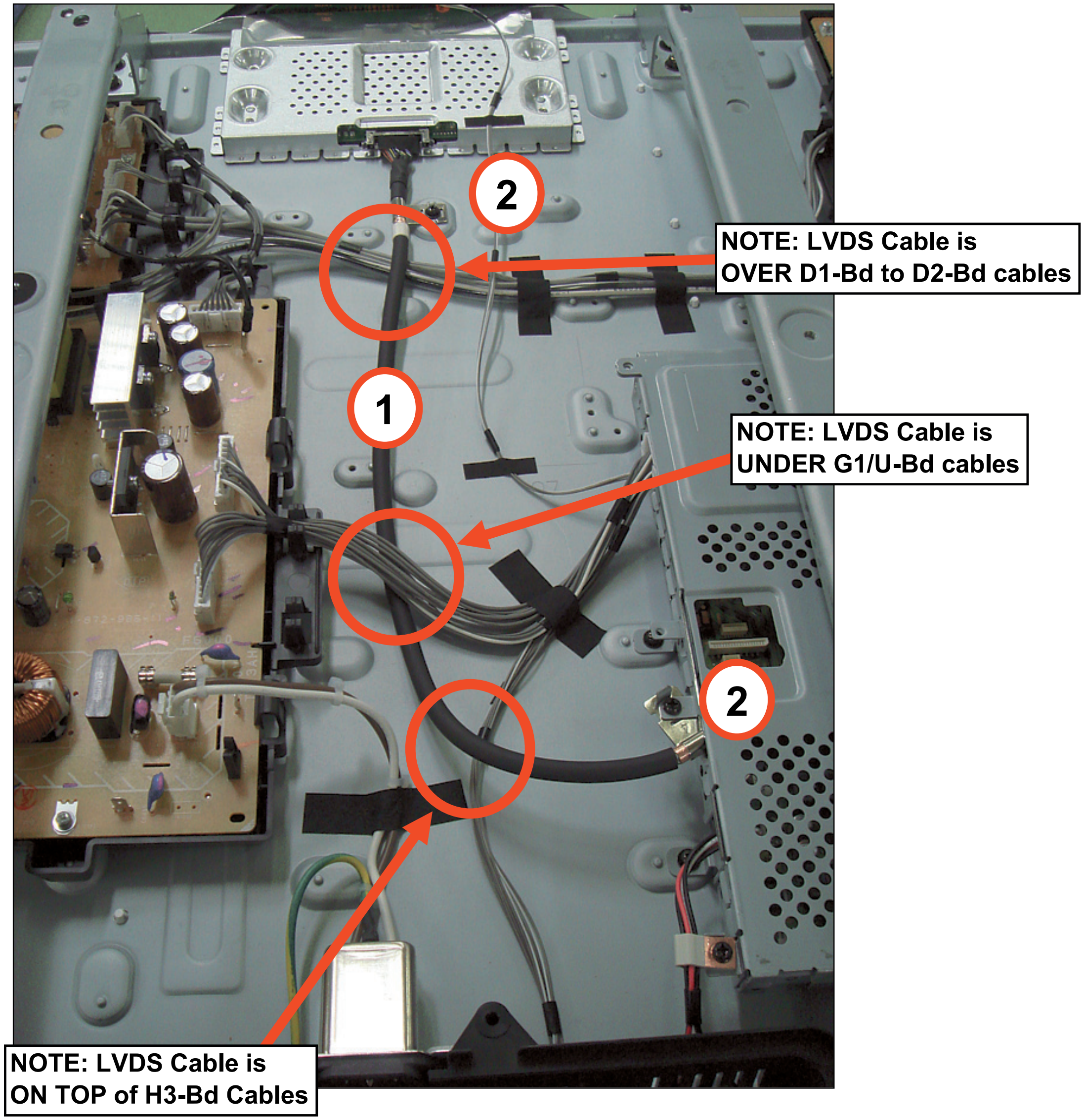
Tape no longer applied to panel!

Use "Score Line" on panel to align tape. Use BOTTOM of UL Tape as reference for positioning cables for taping.

OPERATION PROCESS
Dress/Route H1-Bd harness as shown on photo. NOTE: Put attention on SLACK of cable. Between Connector on H1 and tape there is slack in wire. Between tapes there is a little slack. Between tape/DTT Shield there is slack.

KDL-46S3000 ONLY

LVDS CABLE



NOTE: LVDS Cable is OVER D1-Bd to D2-Bd cables

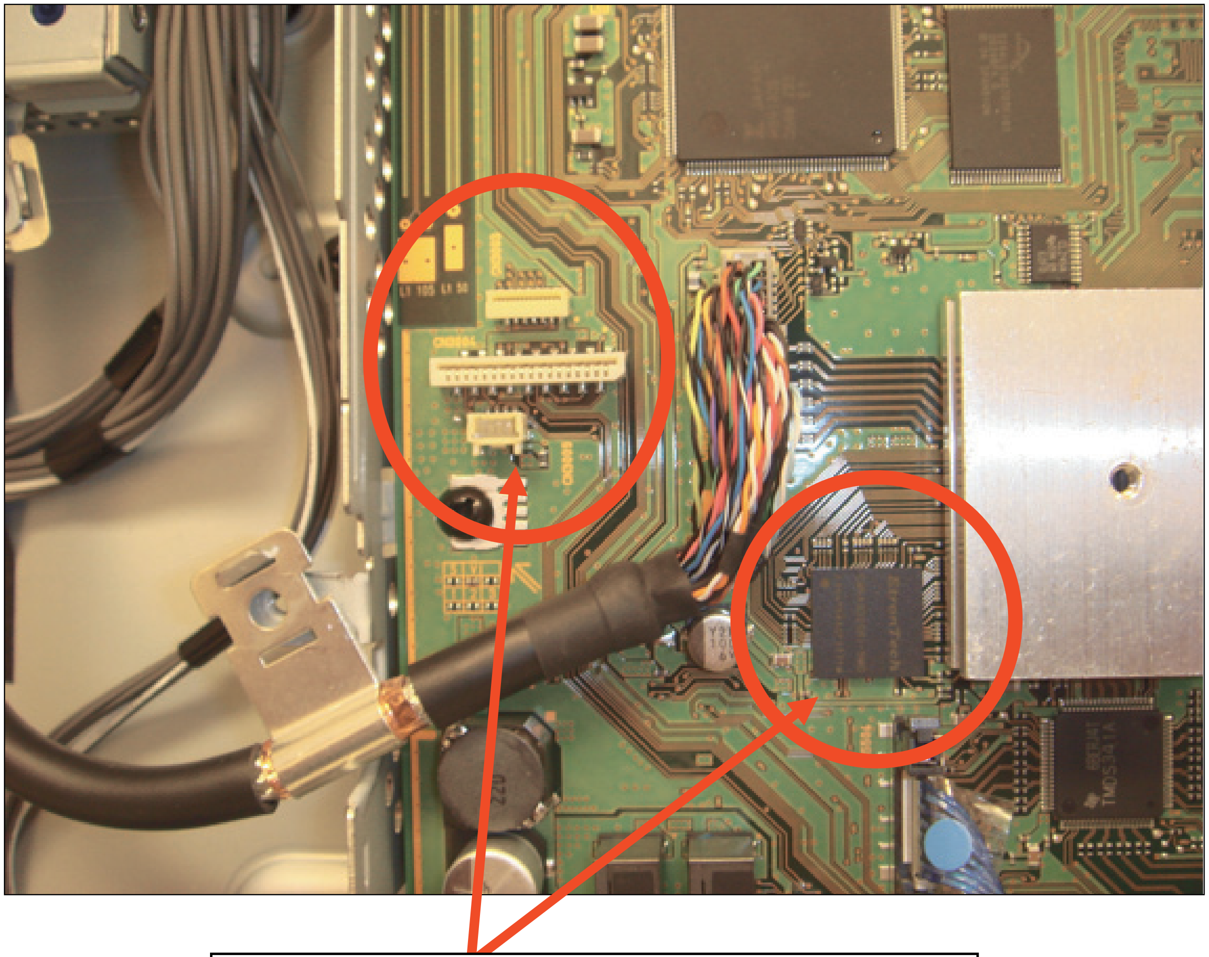
NOTE: LVDS Cable is UNDER G1/U-Bd cables

NOTE: LVDS Cable is ON TOP of H3-Bd Cables

OPERATION PROCESS
1. Route 40P LVDS Cable between BU-Bd and TCON as shown. 2. Apply 3x8mm Screw (2-places) to ground LVDS cable. G1 to BU cables are on TOP of LVDS. H3-Bd cables are UNDER LVDS.
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-46S3000 ONLY

LVDS CABLE (CONTINUED)

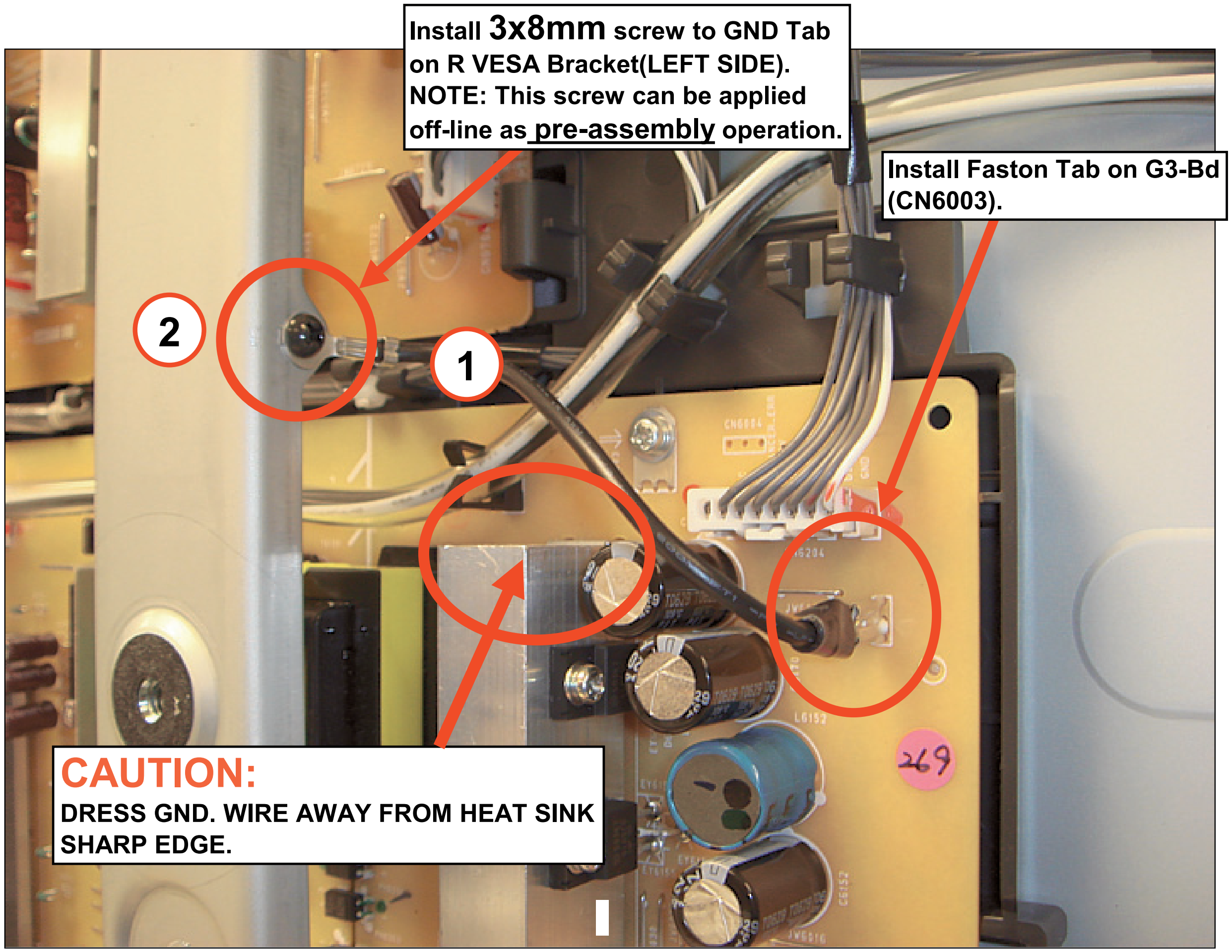


CAUTION: **Keep LVDS Cables AWAY from JIG Connectors and Memory IC.**

OPERATION PROCESS
Route LVDS Harness from BU-Board (CN4500) as shown. CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

KDL-46S3000 ONLY

VESA BRACKER GROUND WIRE



Install 3x8mm screw to GND Tab on R VESA Bracket(LEFT SIDE). NOTE: This screw can be applied off-line as pre-assembly operation.

Install Faston Tab on G3-Bd (CN6003).

CAUTION:

DRESS GND. WIRE AWAY FROM HEAT SINK SHARP EDGE.

OPERATION PROCESS
Attach ESD Grounding wire as shown shown. NOTE: 3x8mm Screws are located.
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg.cm (+-1.0kg.cm)

SECTION 2: SERVICE ADJUSTMENTS

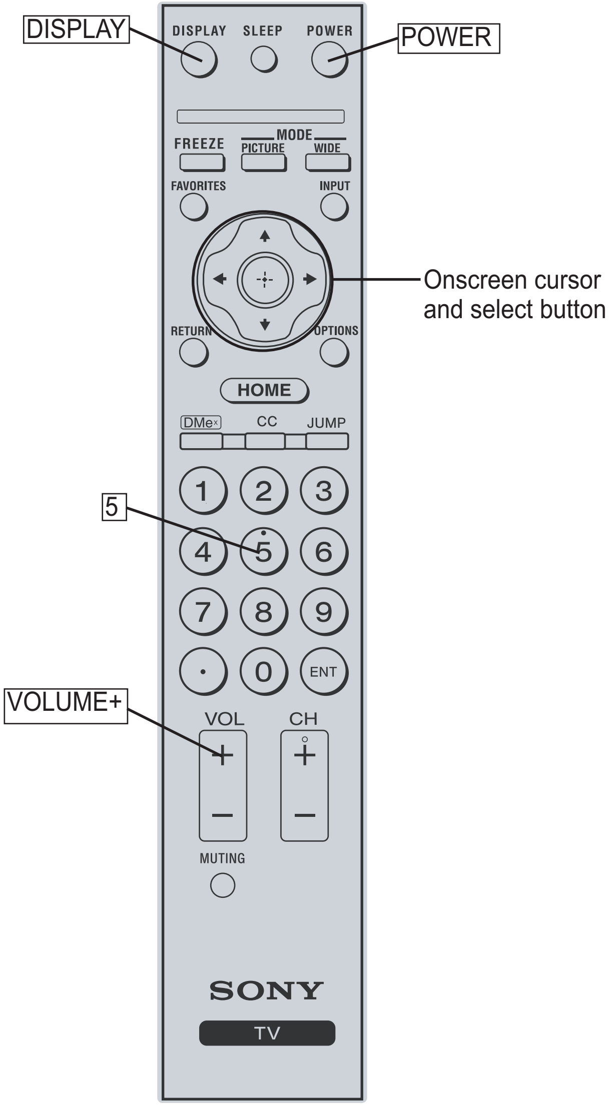
2-1. USING THE REMOTE COMMANDER FOR ELECTRICAL ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus and categories.

Equipment Needed:
- ✓ Pattern Generator (with component outputs)
- ✓ Oscilloscope
- ✓ Digital multimeter

2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER.


DISPLAY
POWER
Onscreen cursor and select button
5
VOLUME+
DISPLAY SLEEP POWER
FREEZE MODE PICTURE WIDE
FAVORITES INPUT
RETURN OPTIONS
HOME
DMex CC JUMP
1 2 3 4 5 6 7 8 9 · 0 ENT
VOL CH
MUTING
SONY
TV

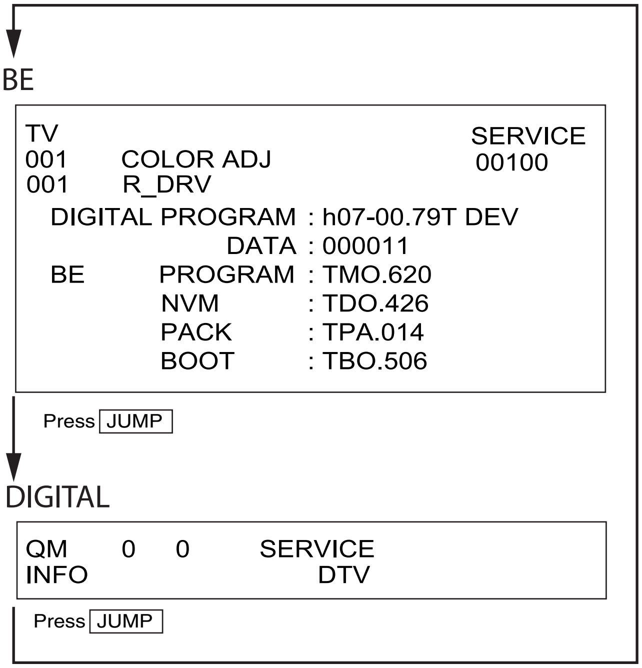
RM-YD018

The first service menu (TV) displays.

2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.

1. To display the **Service Menu** that contains the Category you want to adjust, press JUMP on the Remote Commander.
   (For a complete list of the service Categories refer to Service Menus)


BE
Press JUMP
DIGITAL
Press JUMP

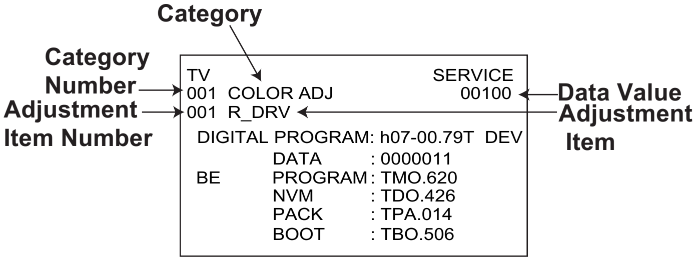
```
TV                                          SERVICE
001      COLOR ADJ                           00100
001      R_DRV
   DIGITAL PROGRAM : h07-00.79T DEV
                  DATA : 000011
   BE         PROGRAM : TMO.620
              NVM         : TDO.426
              PACK        : TPA.014
              BOOT        : TBO.506
```

```
QM      0    0       SERVICE
INFO                        DTV
```

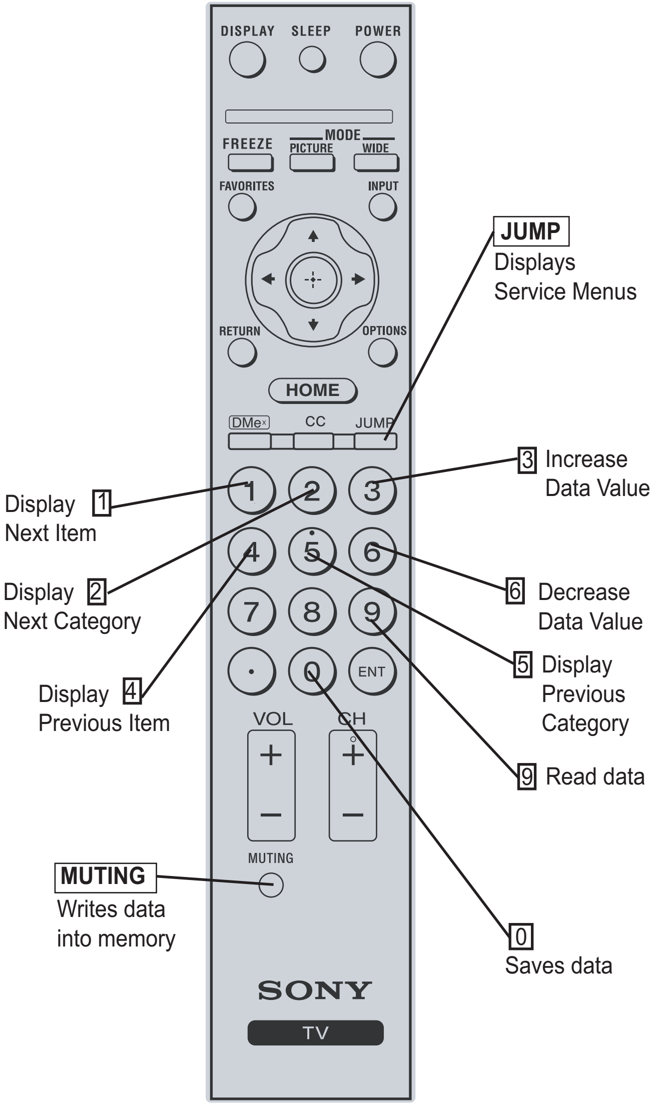
Sample TV Service Menu

2-4. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.


Category
Category Number
Adjustment Item Number
Data Value
Adjustment Item

```
TV                                   SERVICE
001  COLOR ADJ                         00100
001  R_DRV
 DIGITAL PROGRAM: h07-00.79T  DEV
           DATA       : 0000011
 BE        PROGRAM : TMO.620
           NVM        : TDO.426
           PACK       : TPA.014
           BOOT       : TBO.506
```


DISPLAY
SLEEP
POWER
FREEZE
MODE
PICTURE
WIDE
FAVORITES
INPUT
RETURN
OPTIONS
HOME
DMex
CC
JUMP
1
2
3
4
5
6
7
8
9
0
ENT
VOL
CH
MUTING
SONY
TV
JUMP
Displays Service Menus
3 Increase Data Value
Display 1 Next Item
Display 2 Next Category
6 Decrease Data Value
5 Display Previous Category
Display 4 Previous Item
9 Read data
MUTING
Writes data into memory
0
Saves data

RM-YD018

1. Access Service Adjustment Mode and select the Service Menu that contains the Category with the Adjustment Item you want to change.
2. To change the **Category**, press 2 or 5 on the Remote Commander.
   Note: Pressing 2 or 5 only changes the categories within the Service Menu displayed. To change a Category on one of the other Service Menus, press the JUMP button until the correct Service Menu is displayed.
3. To change the **Adjustment Item**, press 1 or 4 on the Remote Commander.

2-4-1. CHANGING SERVICE DATA

The service data values have been selected to provide the best possible viewing performance. Although some of the data values are adjustable, the adjustments are very sensative and changing them may reduce the picture quality of the set. The following instructions are provided for informational purposes only.

4. To change the **Data Value**, press 3 or 6 on the Remote Commander.
5. To save the changes, press MUTING then 0 to write into memory.

2-4-2. EXITING SERVICE MODE

After completing the changes, exit service mode.

6. To exit service mode, turn the power off by pressing POWER.

SERVICE MENUS

BE MICRO			
001	**COLOR ADJ**		
		001	R_DRV
		002	G_DRV
		003	B_DRV
		004	R_BKG
		005	G_BKG
		006	B_BKG
002	**SETTING**		
		001	AGING MODE
		002	A-SHUTOFF DISABLE
		003	NO SYNC MUTE
003	**INFORM**		
		001	SET INFO RESET
DIGITAL MICRO			
QM		**0**	INFO
		1	PATN
		2	GPTN
QT		**0**	CVSB

2-5. VERIFYING SERVICE DATA CHANGES

1. After completing all adjustments turn the set off with the Remote Commander and then proceed to the next step.
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY → Channel 5 → Volume + → POWER.
3. To verify the changes repeat steps 1 through 3 of 2-4. Using the Remote Commander to View Service Data.
4. To exit service mode, turn the power off by pressing POWER.

2-6. RESETTING TO FACTORY DEFAULTS

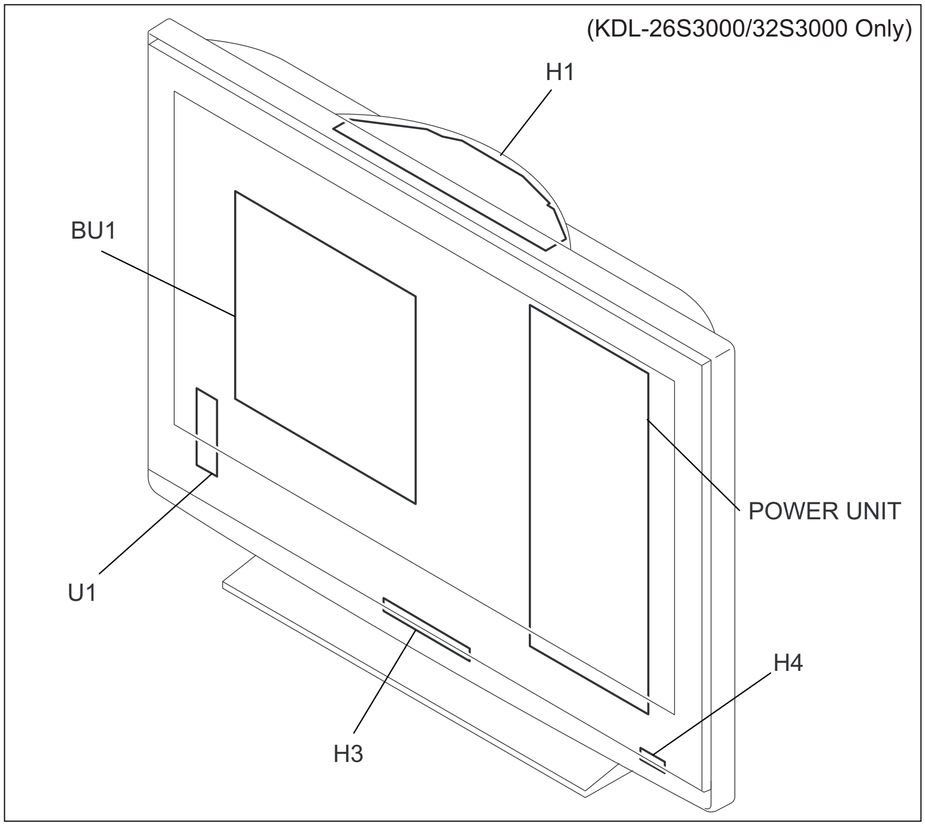
Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

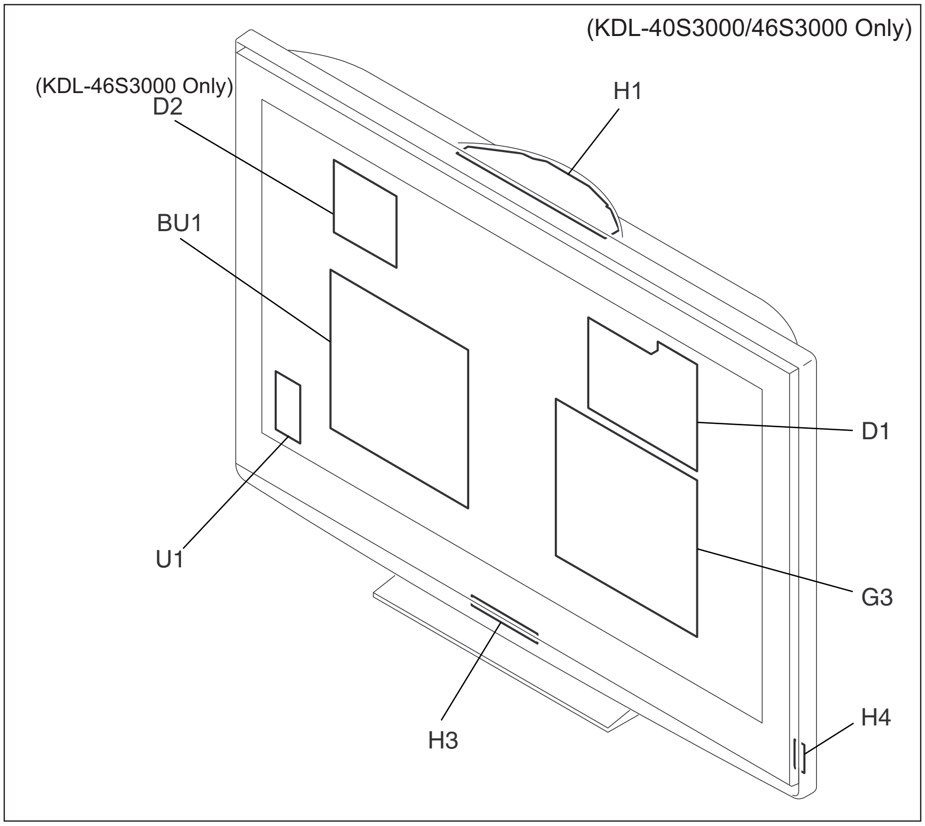
1. While holding down the ⬆ on the Remote Commander, press the POWER button on the Front Panel of the set.

   The set restarts and displays the initial setup screen. This may take several minutes.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION


(KDL-26S3000/32S3000 Only)
H1
BU1
POWER UNIT
U1
H4
H3


(KDL-40S3000/46S3000 Only)
(KDL-46S3000 Only)
D2
H1
BU1
D1
U1
G3
H4
H3

3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

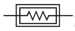
All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

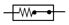
All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $^{1}/_{4}$W

$^{1}/_{4}$W in resistance, $^{1}/_{10}$W and $^{1}/_{16}$W in chip resistance.


: nonflammable resistor


: fusible resistor

△ : internal component

▭ : panel designation and adjustment for repair

⊥ : earth ground

⏚ : earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

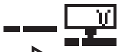
Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

▬ : B+line.


: B-line. (Actual measured value may be different).

⇨: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol ▮▭▭ indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

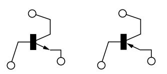
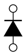
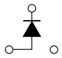
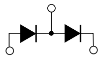
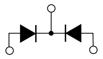
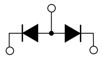
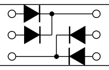
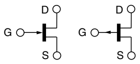
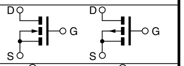
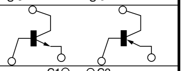
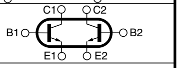
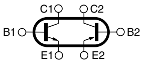
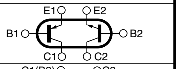
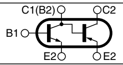
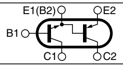
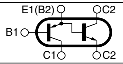
REFERENCE INFORMATION

RESISTOR	
: RN	METAL FILM
: RC	SOLID
: FPRD	NONFLAMMABLE CARBON
: FUSE	NONFLAMMABLE FUSIBLE
: RW	NONFLAMMABLE WIREWOUND
: RS	NONFLAMMABLE METAL OXIDE
: RB	NONFLAMMABLE CEMENT
: ⋇	ADJUSTMENT RESISTOR

CAPACITOR	
: TA	TANTALUM
: PS	STYROL
: PP	POLYPROPYLENE
: PT	MYLAR
: MPS	METALIZED POLYESTER
: MPP	METALIZED POLYPROPYLENE
: ALB	BIPOLAR
: ALT	HIGH TEMPERATURE
: ALR	HIGH RIPPLE

COIL	
: LF-8L	MICRO INDUCTOR

Terminal name of semiconductors in silk screen printed circuit (⁎)

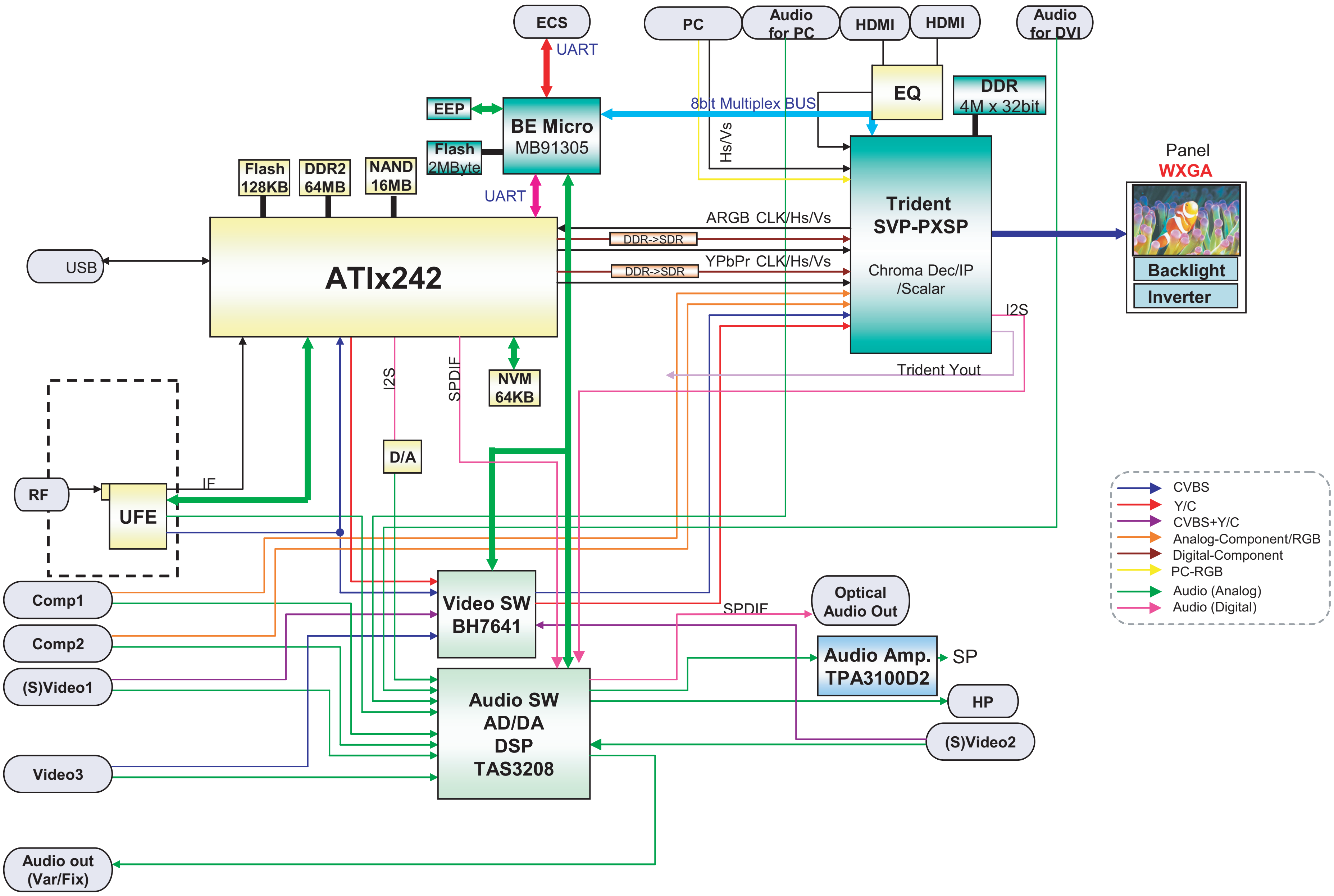
	Device	Printed symbol	Terminal name	Circuit
1	Transistor	T	Collector Base Emitter	
2	Transistor	▬	Collector Base Emitter	
3	Diode	⊓	Cathode Anode	
4	Diode	T	Cathode Anode (NC)	
5	Diode	▬	Cathode Anode (NC)	
6	Diode	T	Common Anode Cathode	
7	Diode	▬	Common Anode Cathode	
8	Diode	T	Common Anode Anode	
9	Diode	▬	Common Anode Anode	
0	Diode	T	Common Cathode Cathode	
!¡	Diode	▬	Common Cathode Cathode	
!™	Diode	┃	Anode Cathode Anode Anode Cathode Anode	
!£	Transistor (FET)	┃	Drain Source Gate	
!¢	Transistor (FET)	┣	Drain Source Gate	
!?	Transistor (FET)	┃	▯ ☐ Source ☐ Drain ☐ Gate	
!§	Transistor	┃	▯ ☐ Emitter ☐ Collector ☐ Base	
!¶	Transistor	┿	C2 B1 E1 E2 B2 C1	
!•	Transistor	┿	C1 B2 E2 E1 B1 C2	
!ª	Transistor	▬	C1 B2 E2 E1 B1 C2	
@º	Transistor	▬	C1 B2 E2 E1 B1 C2	
@¡	Transistor	▬	E2 B1 E1 C2 C1(B2)	
@™	Transistor	▬	(B2) B1 E1 E2 C1 C2	
@£	Transistor	▬	(B2) E2 E1 B1 C2 C1	
–	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

Ver.1.6

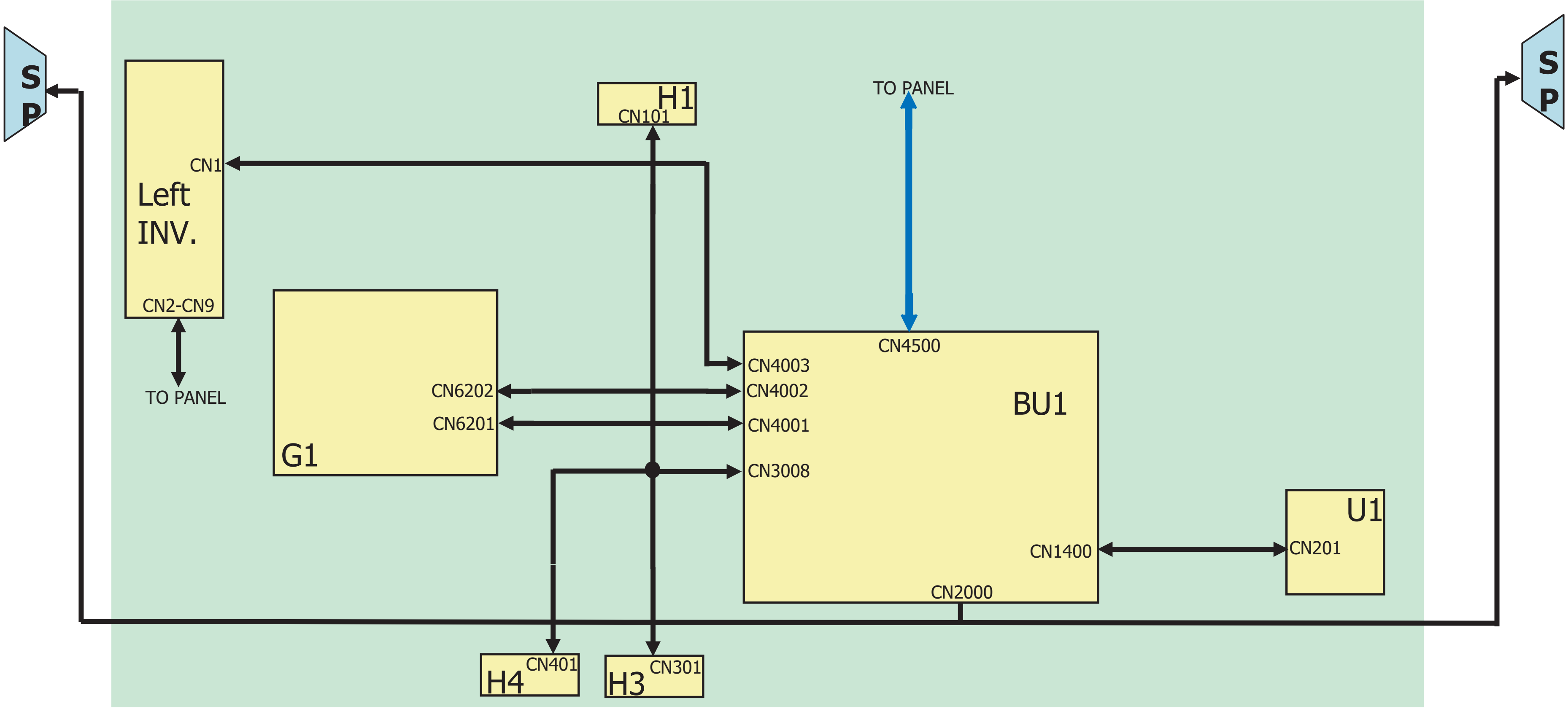
3-3. BLOCK DIAGRAM

SIGNAL FLOW DIAGRAM

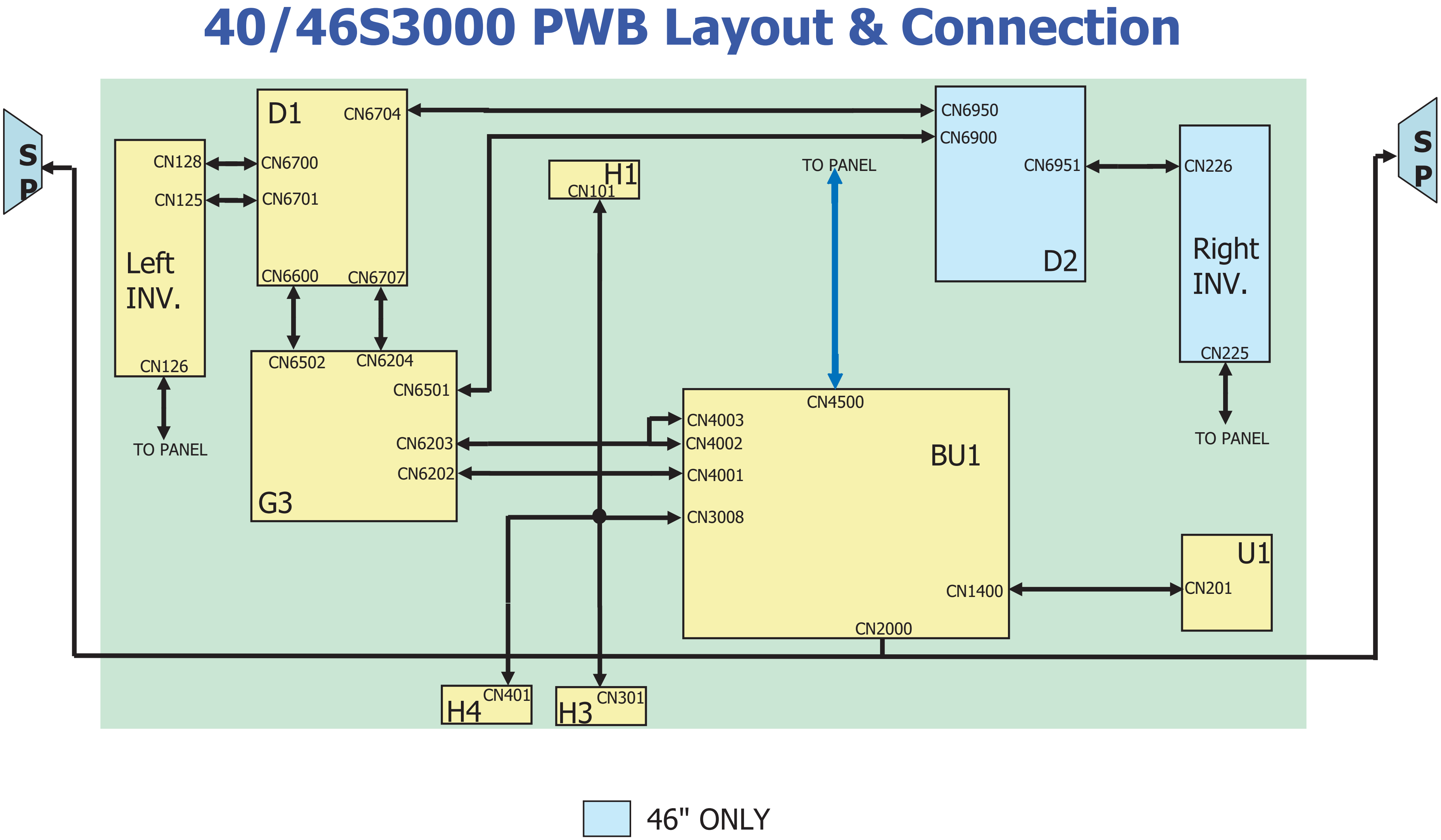

ECS
UART
PC
Audio for PC
HDMI
HDMI
Audio for DVI
EQ
DDR 4M x 32bit
EEP
BE Micro MB91305
8bit Multiplex BUS
Hs/Vs
Flash 2MByte
Flash 128KB
DDR2 64MB
NAND 16MB
UART
Trident SVP-PXSP
Chroma Dec/IP /Scalar
Panel
WXGA
Backlight
Inverter
USB
ATIx242
ARGB CLK/Hs/Vs
DDR->SDR
YPbPr CLK/Hs/Vs
DDR->SDR
I2S
Trident Yout
I2S
SPDIF
NVM 64KB
D/A
RF
UFE
IF
Comp1
Comp2
(S)Video1
Video3
Audio out (Var/Fix)
Video SW BH7641
Audio SW AD/DA DSP TAS3208
SPDIF
Optical Audio Out
Audio Amp. TPA3100D2
SP
HP
(S)Video2
CVBS
Y/C
CVBS+Y/C
Analog-Component/RGB
Digital-Component
PC-RGB
Audio (Analog)
Audio (Digital)

CONNECTION DIAGRAM (KDL-26S3000/32S3000 ONLY)

26/32S3000 PWB Layout & Connection

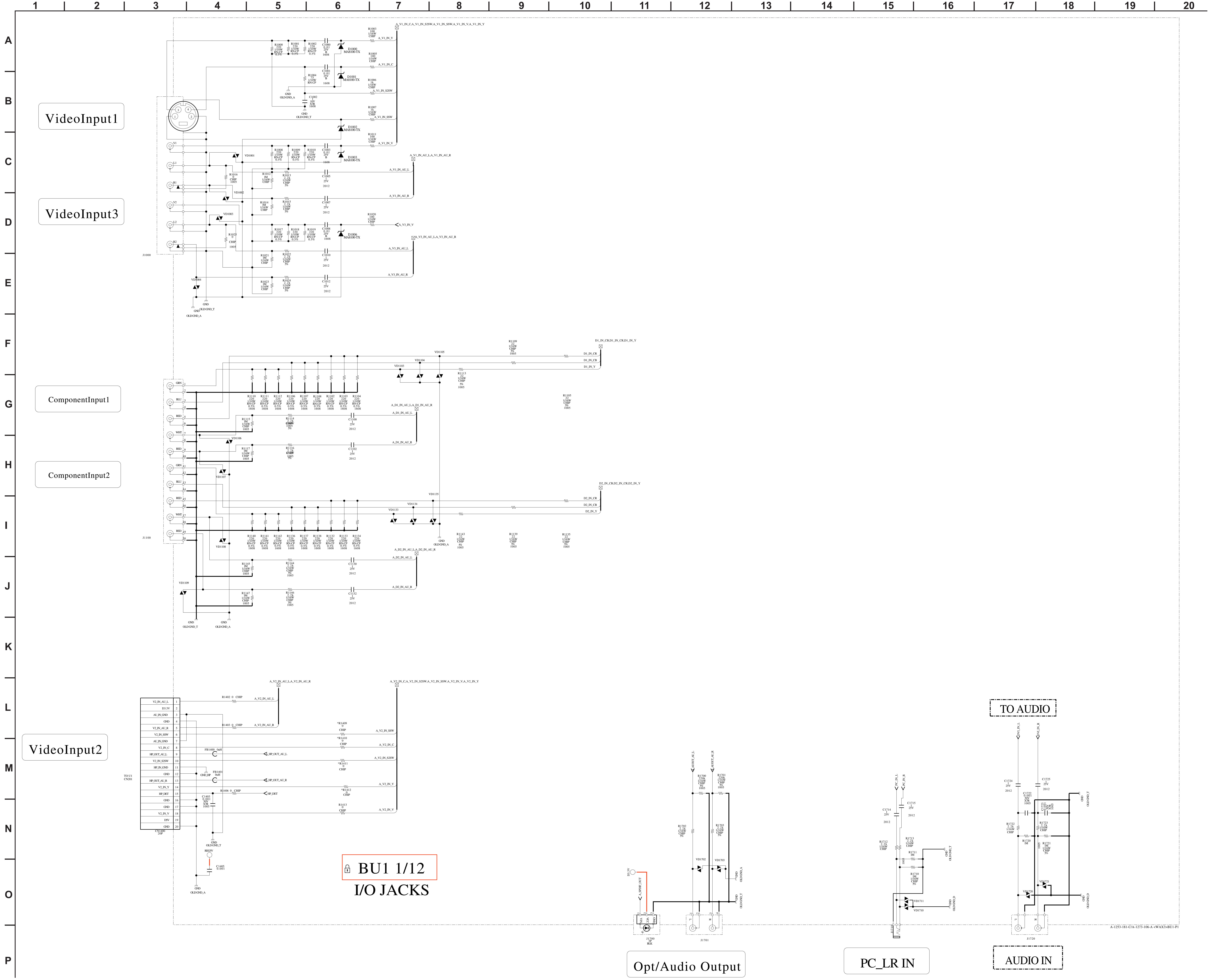

S
P
Left
INV.
CN1
CN2-CN9
TO PANEL
H1
CN101
TO PANEL
G1
CN6202
CN6201
CN4500
CN4003
CN4002
CN4001
CN3008
BU1
CN1400
CN2000
U1
CN201
H4
CN401
H3
CN301
S
P

CONNECTION DIAGRAM (KDL-40S3000/46S3000 ONLY)

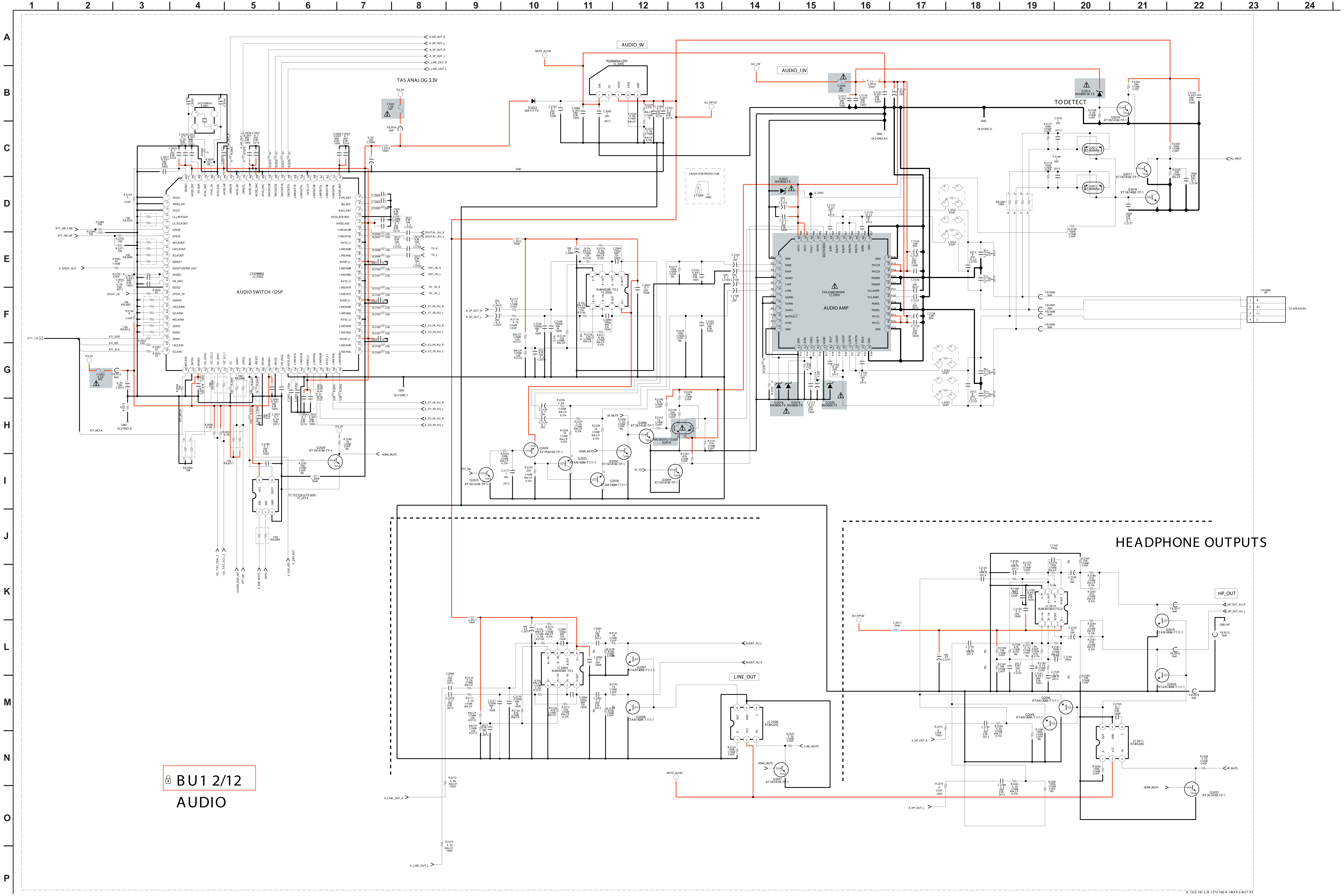

40/46S3000 PWB Layout & Connection
S P
Left INV.
CN128
CN125
CN126
TO PANEL
D1
CN6704
CN6700
CN6701
CN6600
CN6707
G3
CN6502
CN6204
CN6501
CN6203
CN6202
H1
CN101
TO PANEL
CN6950
CN6900
CN6951
D2
Right INV.
CN226
CN225
TO PANEL
BU1
CN4500
CN4003
CN4002
CN4001
CN3008
CN1400
CN2000
U1
CN201
H4
CN401
H3
CN301
S P
46" ONLY

3-4. SCHEMATICS AND SUPPORTING INFORMATION

BU1 BOARD SCHEMATIC DIAGRAM (1 OF 12)


VideoInput1
VideoInput3
ComponentInput1
ComponentInput2
VideoInput2
BU1 1/12
I/O JACKS
TO AUDIO
Opt/Audio Output
PC_LR IN
AUDIO IN

BU1 BOARD SCHEMATIC DIAGRAM (2 OF 12)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18
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20
21
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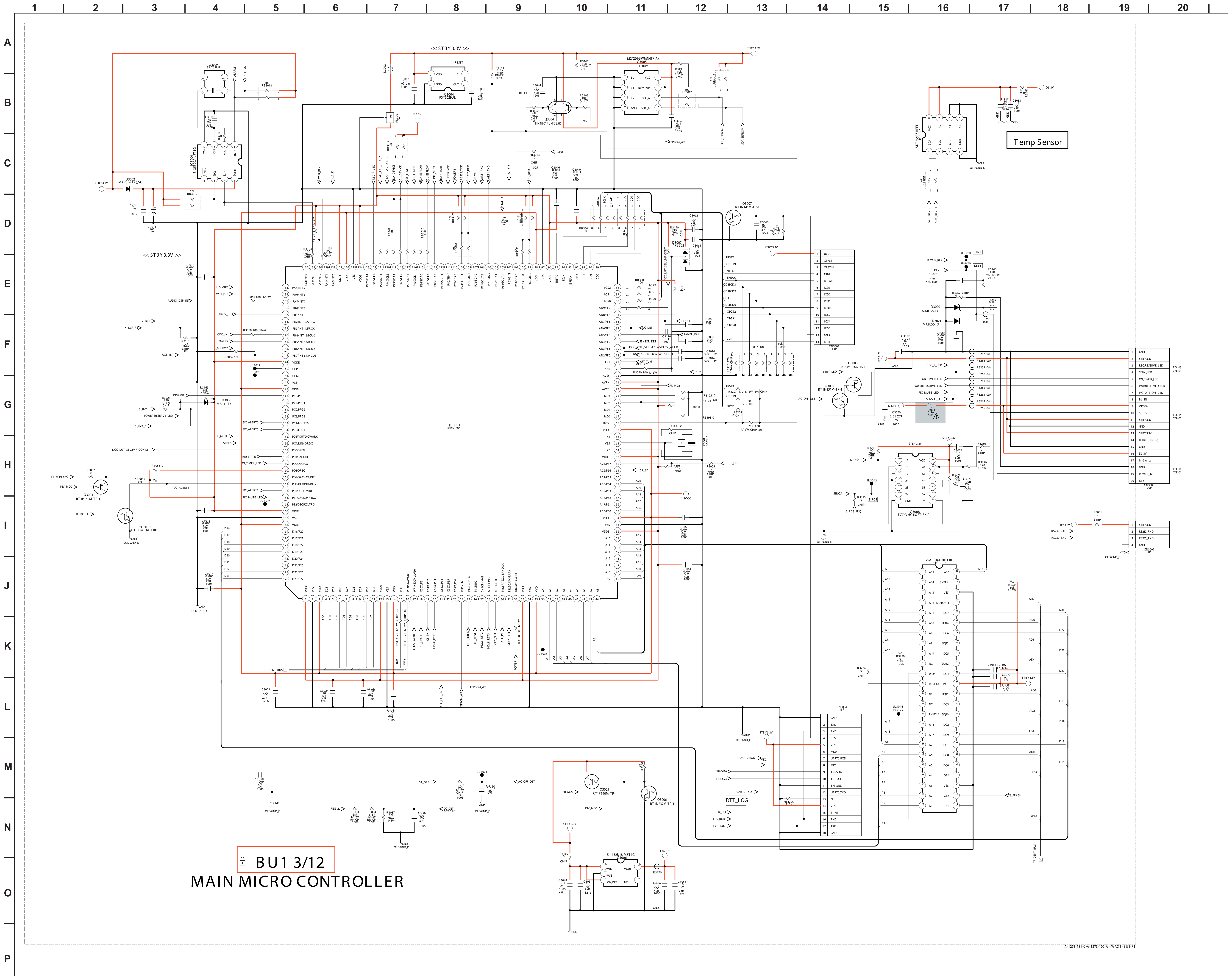
23
24
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
TAS ANALOG 3.3V
AUDIO_9V
AUDIO_13V
PQ09RF1A1ZPH
IC2003
CAPACITOR PROTECTOR
CXD9860Q
IC2002
AUDIO SWITCH / DSP
NJM4558V-TE2
IC2006
TPA3100D2PHPR
IC2009
AUDIO AMP
TO DETECT
TO SPEAKERS
CN2000
TC7S232F(TE85R)
IC2014
NJM4558V-TE2
IC2004
LINE_OUT
IC2008
RT8H225C
HEADPHONE OUTPUTS
HP_OUT
NJM3414AV(TE2)
IC2010
IC2011
RT8H225C
HDMI_MUTE
MUTE_AU5V
AU_HP5V
A_LINE_OUT_R
A_LINE_OUT_L
A_HP_OUT_R
A_HP_OUT_L
AUOUT_AU_L
AUOUT_AU_R
HP_MUTE
AU_PROT
GND
OLDGND_D
A-1253-181-C/A-1273-106-A <WAX3>BU1-P2
BU1 2/12
AUDIO

BU1 BOARD SCHEMATIC DIAGRAM (3 OF 12)


1
2
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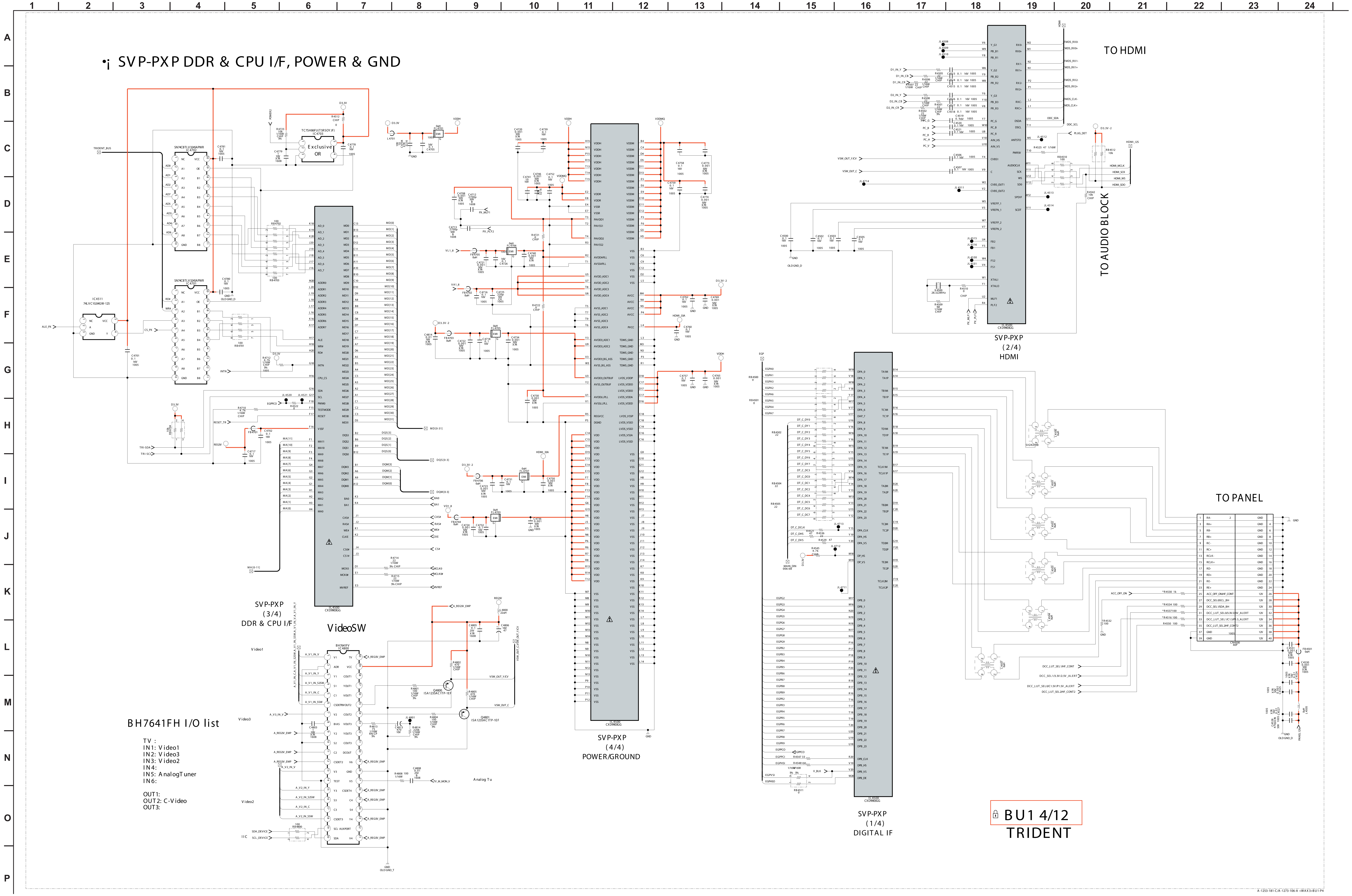
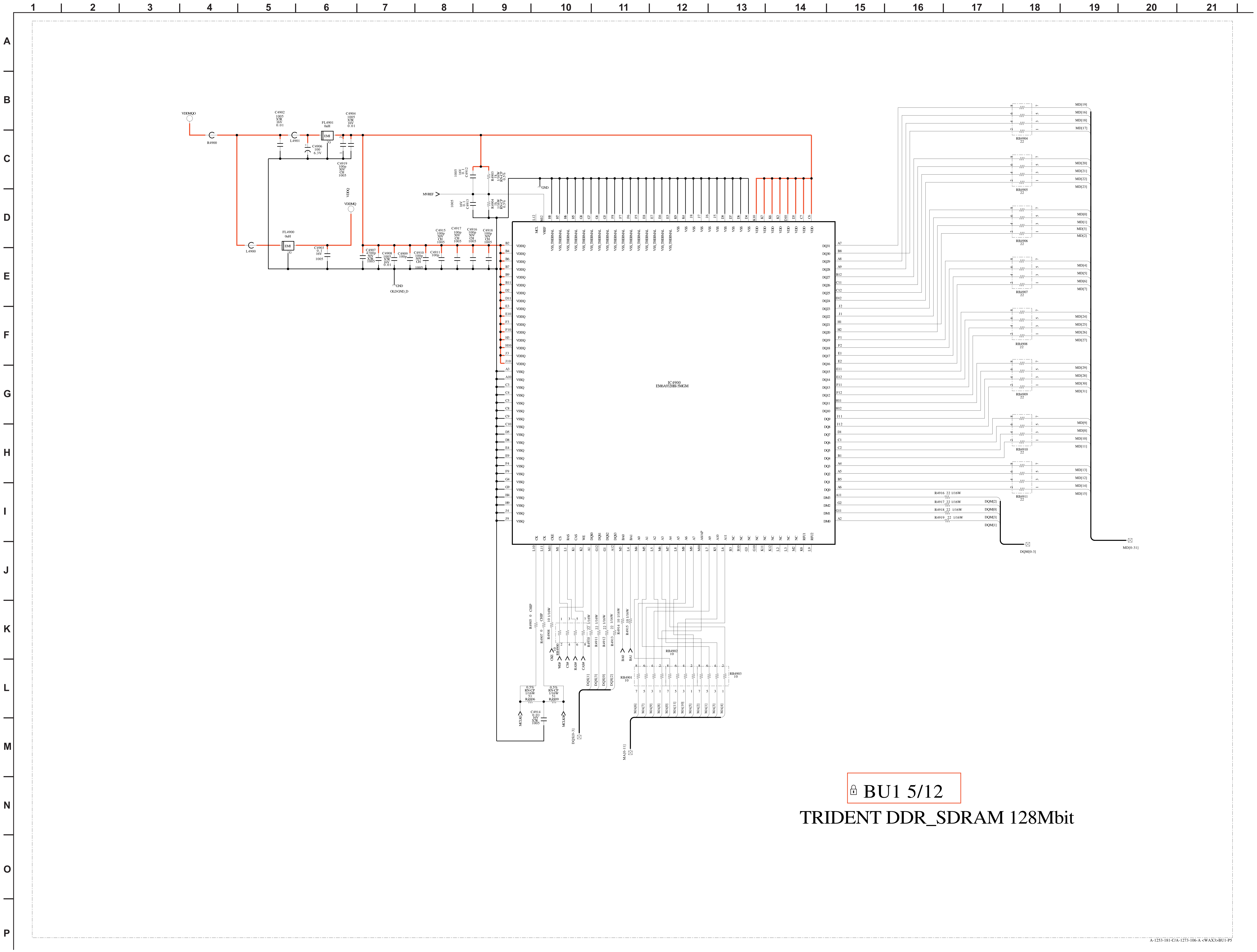
10
11
12
13
14
15
16
17
18
19
20
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
<< STBY 3.3V >>
Temp Sensor
DTT_LOG
BU1 3/12
MAIN MICRO CONTROLLER
IC3001 MB91305
STBY 3.3V
D3.3V
GND
TRIDENT_BUS
EEPROM_WP
A-1253-181-C/A-1273-106-A <WAX3>BU1-P3

BU1 BOARD SCHEMATIC DIAGRAM (4 OF 12)


•¡ SVP-PXP DDR & CPU I/F, POWER & GND
TO HDMI
TO AUDIO BLOCK
SVP-PXP
(2/4)
HDMI
TO PANEL
SVP-PXP
(3/4)
DDR & CPU I/F
VideoSW
SVP-PXP
(4/4)
POWER/GROUND
SVP-PXP
(1/4)
DIGITAL IF
BU1 4/12
TRIDENT
BH7641FH I/O list
TV :
IN1: Video1
IN2: Video3
IN3: Video2
IN4:
INS: AnalogTuner
IN6:
OUT1:
OUT2: C-Video
OUT3:
Exclusive
OR
Video1
Video3
Video2
Analog Tu
A-1253-181-C/A-1273-106-A <WAX3>BU1-P4

BU1 BOARD SCHEMATIC DIAGRAM (5 OF 12)


1
2
3
4
5
6
7
8
9
10
11
12
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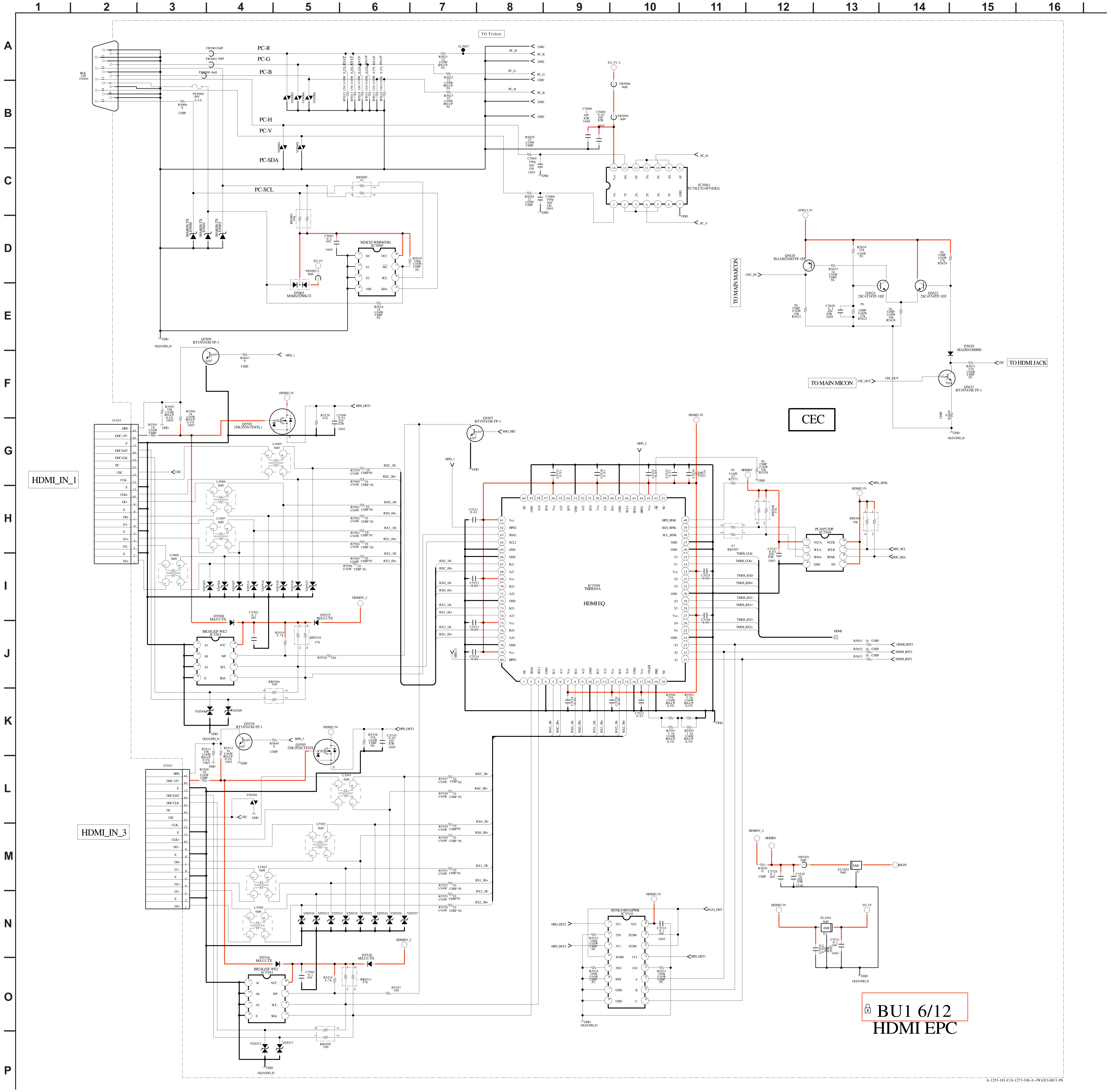
VDDMQO
R4900
L4901
FL4901
C4902
C4904
C4906
C4919
VDDQ
VDDMQ
FL4900
L4900
C4903
C4907
C4908
C4909
C4910
C4911
C4915
C4917
C4916
C4918
GND
OLDGND_D
MVREF
IC4900
EM6A9320BI-5MGM
RB4904
RB4905
RB4906
RB4907
RB4908
RB4909
RB4910
RB4911
R4916
R4917
R4918
R4919
DQM[0-3]
MD[0-31]
RB4901
RB4902
RB4903
DQS[0-3]
MA[0-11]
C4914
BU1 5/12
TRIDENT DDR_SDRAM 128Mbit
A-1253-181-C/A-1273-106-A <WAX3>BU1-P5

BU1 BOARD SCHEMATIC DIAGRAM (6 OF 12)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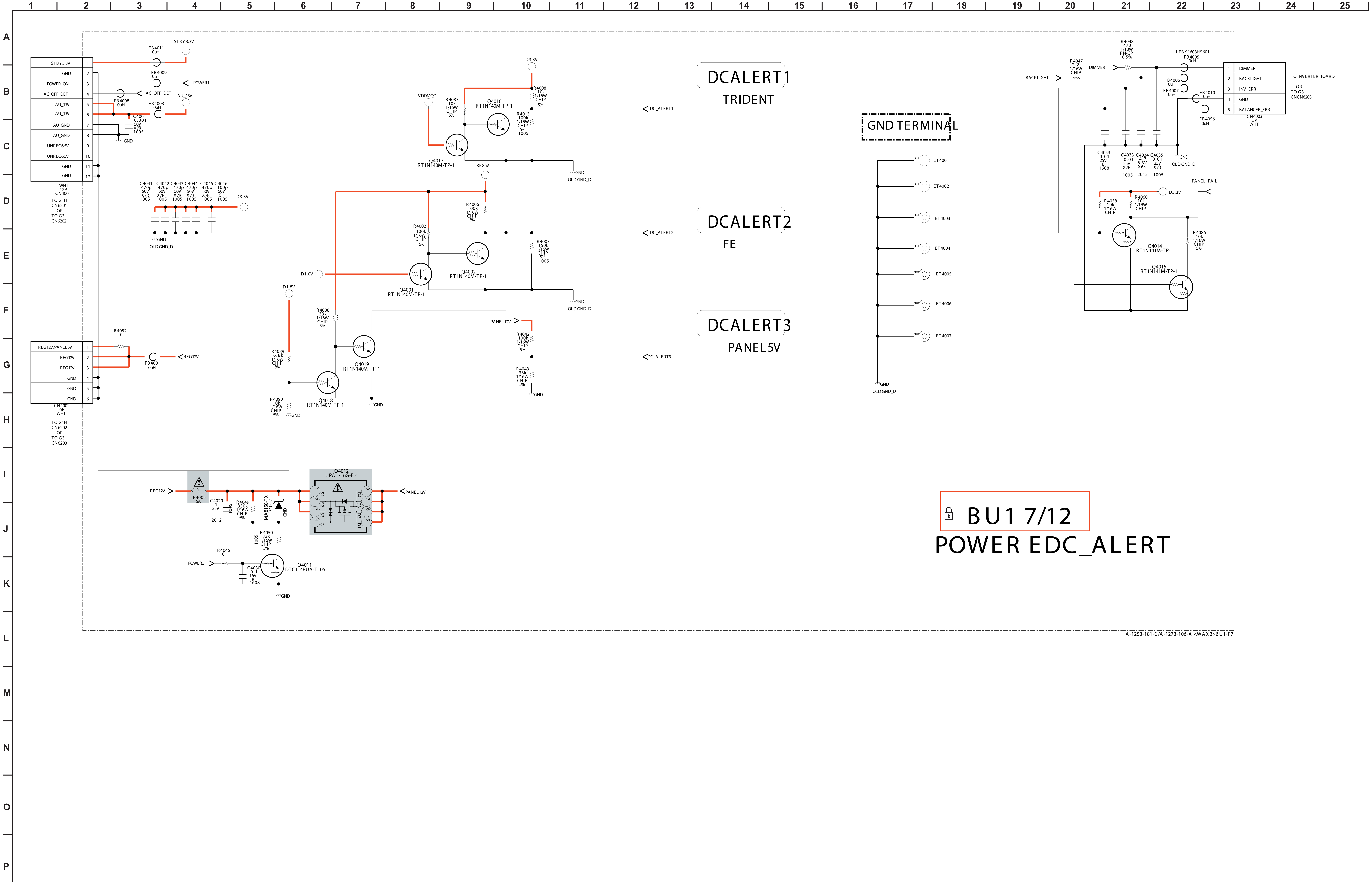
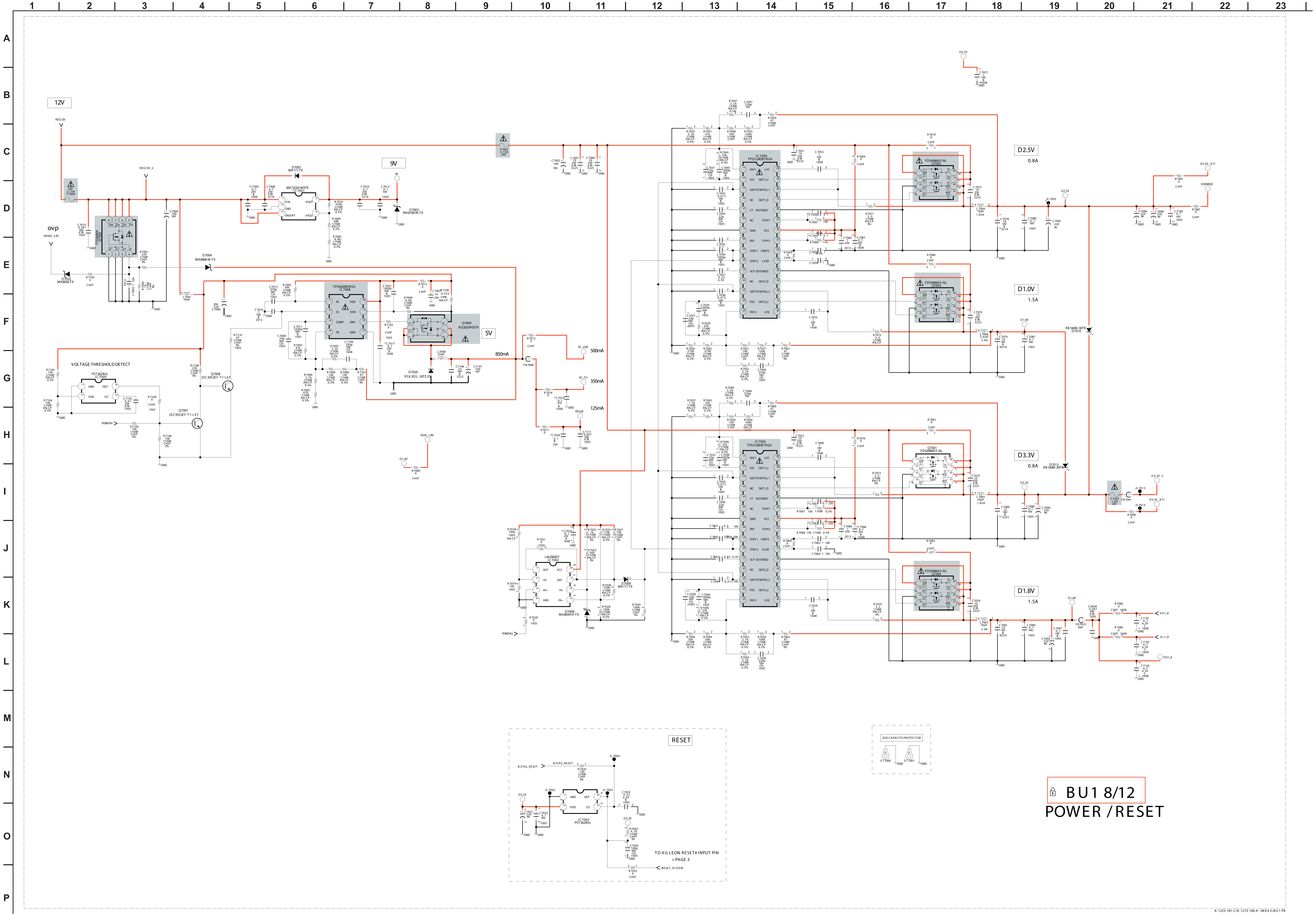
O
P
TO Trident
PC-R
PC-G
PC-B
PC-H
PC-V
PC-SDA
PC-SCL
IC5001
IC5004
HDMI_IN_1
HDMI_IN_3
CEC
TO MAIN MICON
TO HDMI JACK
IC5500
TMDS341A
HDMI EQ
HPD_SINK
SDA_SINK
SCL_SINK
HPD1
HPD2
HPD3
GND
Vcc
NC
BU1 6/12
HDMI EPC
A-1253-181-C/A-1273-106-A <WAX3>BU1-P6

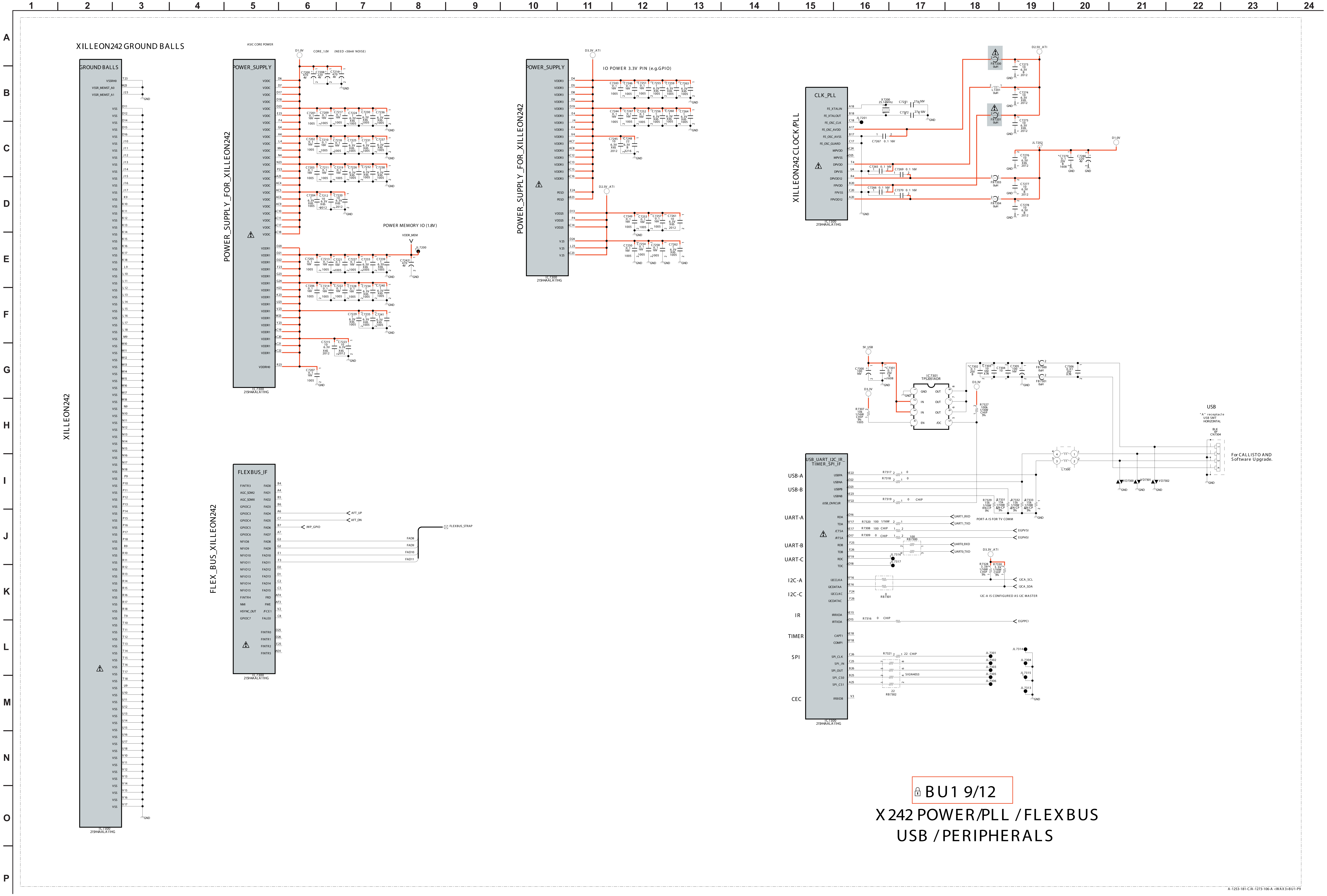
BU1 BOARD SCHEMATIC DIAGRAM (7 OF 12)


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
A B C D E F G H I J K L M N O P
STBY3.3V
GND
POWER_ON
AC_OFF_DET
AU_13V
AU_13V
AU_GND
AU_GND
UNREG6.5V
UNREG6.5V
GND
GND
WHT 12P CN4001
TO G1H CN6201 OR TO G3 CN6202
FB4011 0uH
STBY3.3V
FB4009 0uH
POWER1
AC_OFF_DET
FB4008 0uH
FB4003 0uH
AU_13V
C4001 0.001 50V X7R 1005
GND
C4041 470p 50V X7R 1005
C4042 470p 50V X7R 1005
C4043 470p 50V X7R 1005
C4044 470p 50V X7R 1005
C4045 470p 50V X7R 1005
C4046 100p 50V CH 1005
D3.3V
GND
OLD GND_D
REG12V/PANEL5V
REG12V
REG12V
GND
GND
GND
CN4002 6P WHT
TO G1H CN6202 OR TO G3 CN6203
R4052 0
FB4001 0uH
REG12V
D3.3V
VDDMQO
R4087 10k 1/16W CHIP 5%
Q4016 RT1N140M-TP-1
R4008 10k 1/16W CHIP 5%
R4013 100k 1/16W CHIP 5% 1005
DC_ALERT1
Q4017 RT1N140M-TP-1
REG5V
GND
OLD GND_D
R4006 100k 1/16W CHIP 5%
R4002 100k 1/16W CHIP 5%
DC_ALERT2
R4007 150k 1/16W CHIP 5% 1005
Q4002 RT1N140M-TP-1
D1.0V
Q4001 RT1N140M-TP-1
GND
OLD GND_D
D1.8V
R4088 33k 1/16W CHIP 5%
PANEL12V
R4042 100k 1/16W CHIP 5%
DC_ALERT3
R4043 33k 1/16W CHIP 5%
GND
R4089 6.8k 1/16W CHIP 5%
Q4019 RT1N140M-TP-1
Q4018 RT1N140M-TP-1
R4090 10k 1/16W CHIP 5%
GND
GND
DCALERT1
TRIDENT
DCALERT2
FE
DCALERT3
PANEL5V
GND TERMINAL
ET4001
ET4002
ET4003
ET4004
ET4005
ET4006
ET4007
GND
OLD GND_D
REG12V
F4005 5A
C4029 1 25V 1005 2012
R4049 330k 1/16W CHIP 5%
MA8150-TX D4012
GND
Q4012 UPA1716G-E2
S1 S2 S3 G D4 D3 D2 D1
1 2 3 4 5 6 7 8
PANEL12V
R4050 33k 1/16W CHIP 5% 1005
R4045 0
POWER3
C4030 0.1 16V B 1608
Q4011 DTC114EUA-T106
GND
R4048 470 1/10W RN-CP 0.5%
R4047 2.2k 1/16W CHIP
DIMMER
BACKLIGHT
LFBK1608HS601 FB4005 0uH
FB4006 0uH
FB4007 0uH
FB4010 0uH
FB4056 0uH
DIMMER
BACKLIGHT
INV_ERR
GND
BALANCER_ERR
CN4003 5P WHT
TO INVERTER BOARD OR TO G3 CNCN6203
C4053 0.01 25V B 1608
C4033 0.01 25V X7R 1005
C4034 4.7 6.3V X6S 2012
C4035 0.01 25V X7R 1005
GND
OLD GND_D
PANEL_FAIL
D3.3V
R4058 10k 1/16W CHIP
R4060 10k 1/16W CHIP
Q4014 RT1N141M-TP-1
R4086 10k 1/16W CHIP 5%
Q4015 RT1N141M-TP-1
BU1 7/12
POWER EDC_ALERT
A-1253-181-C/A-1273-106-A <WAX3>BU1-P7

BU1 BOARD SCHEMATIC DIAGRAM (8 OF 12)


12V
9V
5V
OVP
VOLTAGE THRESHOLD DETECT
850mA
500mA
350mA
125mA
D2.5V
0.8A
D1.0V
1.5A
D3.3V
0.8A
D1.8V
1.5A
IC7004
TPS5124DBTRG4
IC7005
TPS5124DBTRG4
IC7008
TPS40200DRG4
IC7009
PST3628UL
IC7003
PST3629UL
Q7009
RSQ035P03TR
RESET
TO XILLEON RESET# INPUT PIN
< PAGE 3
3225 CAPACITOR PROTECTOR
BU1 8/12
POWER / RESET
A-1253-181-C/A-1273-106-A <WAX3>BU1-P8

BU1 BOARD SCHEMATIC DIAGRAM (9 OF 12)



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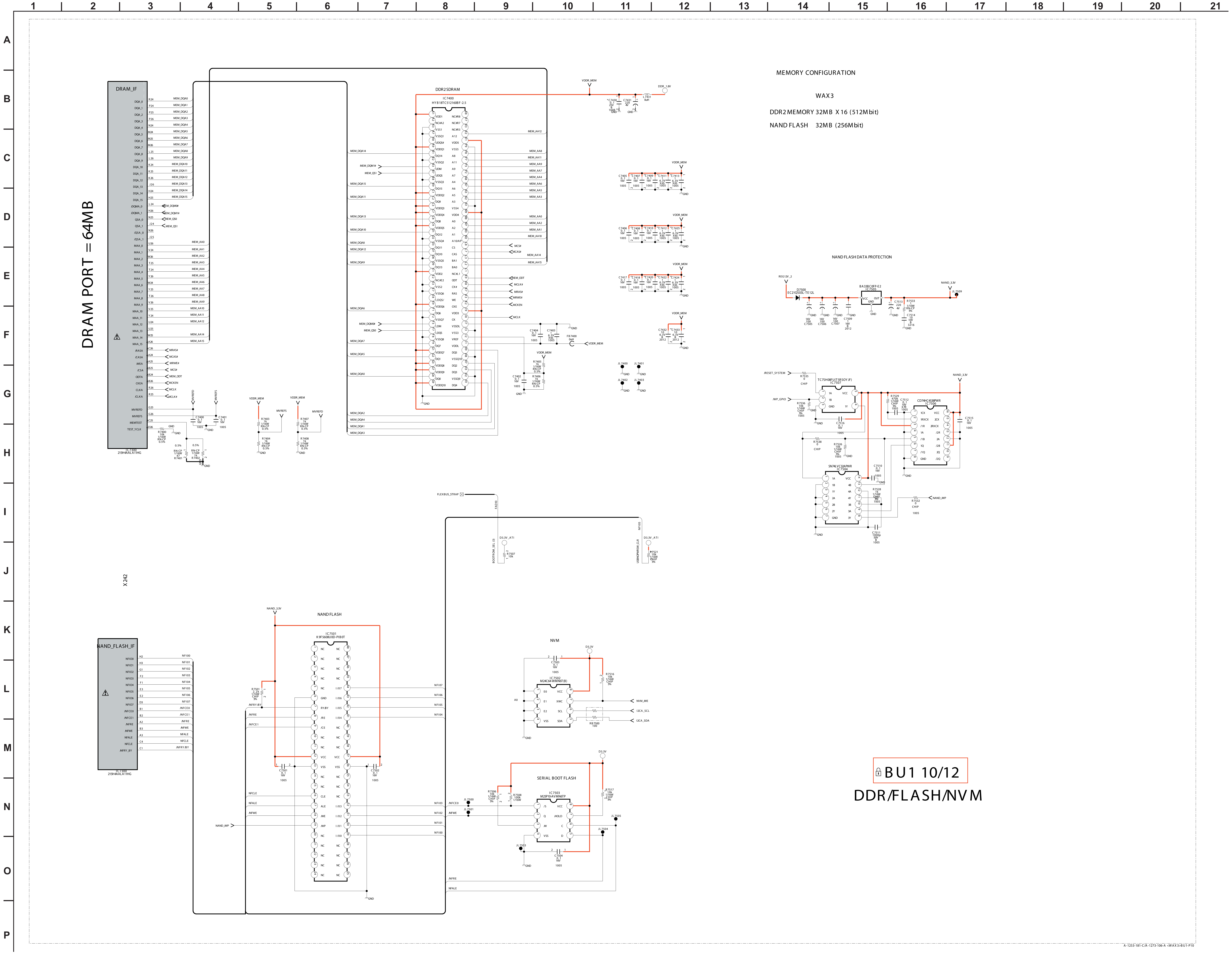
P
XILLEON242 GROUND BALLS
GROUND BALLS
XILLEON242
POWER_SUPPLY
POWER_SUPPLY_FOR_XILLEON242
ASIC CORE POWER
D1.0V
CORE_1.0V (NEED <30mV NOISE)
POWER MEMORY IO (1.8V)
VDDR_MEM
JL7200
IO POWER 3.3V PIN (e.g.GPIO)
D3.3V_ATI
FLEXBUS_IF
FLEX_BUS_XILLEON242
AFT_UP
AFT_DN
IMP_GPIO
FLEXBUS_STRAP
FAD8
FAD9
FAD10
FAD11
CLK_PLL
XILLEON242 CLOCK/PLL
X7200
D1.0V
IC7301
TPS2051ADR
5V_USB
D3.3V
USB
"A" receptacle
USB SMT
HORIZONTAL
CN7300
For CALLISTO AND Software Upgrade.
USB_UART_I2C_IR_TIMER_SPI_IF
USB-A
USB-B
UART-A
UART-B
UART-C
I2C-A
I2C-C
IR
TIMER
SPI
CEC
UART1_RXD
UART1_TXD
PORT-A IS FOR TV COMM
EGPVSI
EGPHSI
UART0_RXD
UART0_TXD
I2CA_SCL
I2CA_SDA
I2C-A IS CONFIGURED AS I2C MASTER
EGPPCI
SIGN4053
IC7300
215HAALA11HG
GND

BU1 9/12

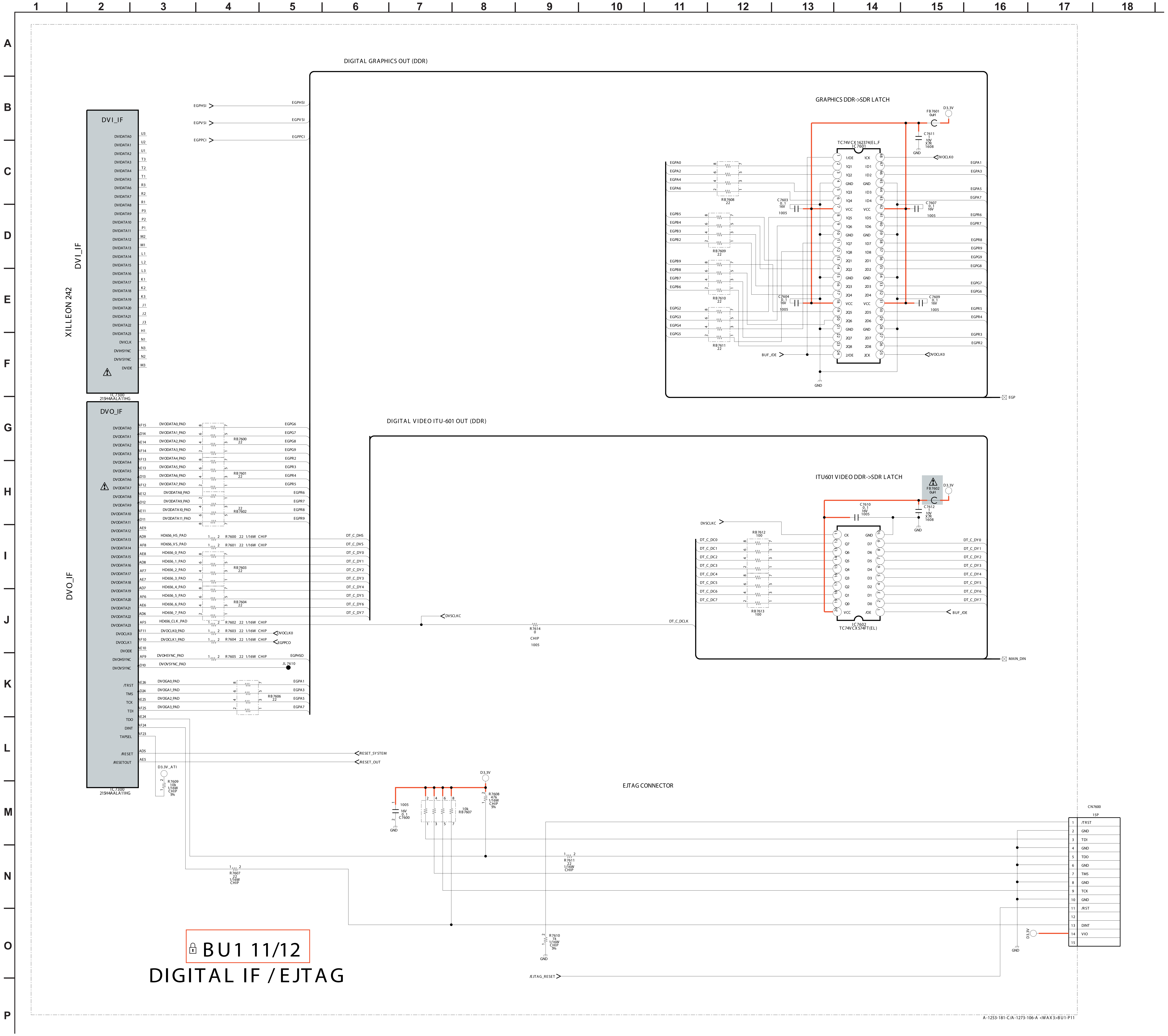
X242 POWER/PLL / FLEXBUS
USB / PERIPHERALS

A-1253-181-C/A-1273-106-A <WAX3>BU1-P9

BU1 BOARD SCHEMATIC DIAGRAM (10 OF 12)


DRAM PORT = 64MB
DRAM_IF
DDR2SDRAM
IC7400
HYB18TC512160BF-2.5
MEMORY CONFIGURATION
WAX3
DDR2 MEMORY 32MB X16 (512Mbit)
NAND FLASH 32MB (256Mbit)
NAND FLASH DATA PROTECTION
REG12V_2
D7500
EC21QS03L-TE12L
BA33BC0FP-E2
IC7505
NAND_3.3V
JL7509
X 242
NAND_FLASH_IF
NAND FLASH
IC7501
K9F5608U0D-PIB0T
NVM
IC7502
M24C64-WMN6T(B)
SERIAL BOOT FLASH
IC7503
M25P10-AVMN6TP
BU1 10/12
DDR/FLASH/NVM

BU1 BOARD SCHEMATIC DIAGRAM (11 OF 12)

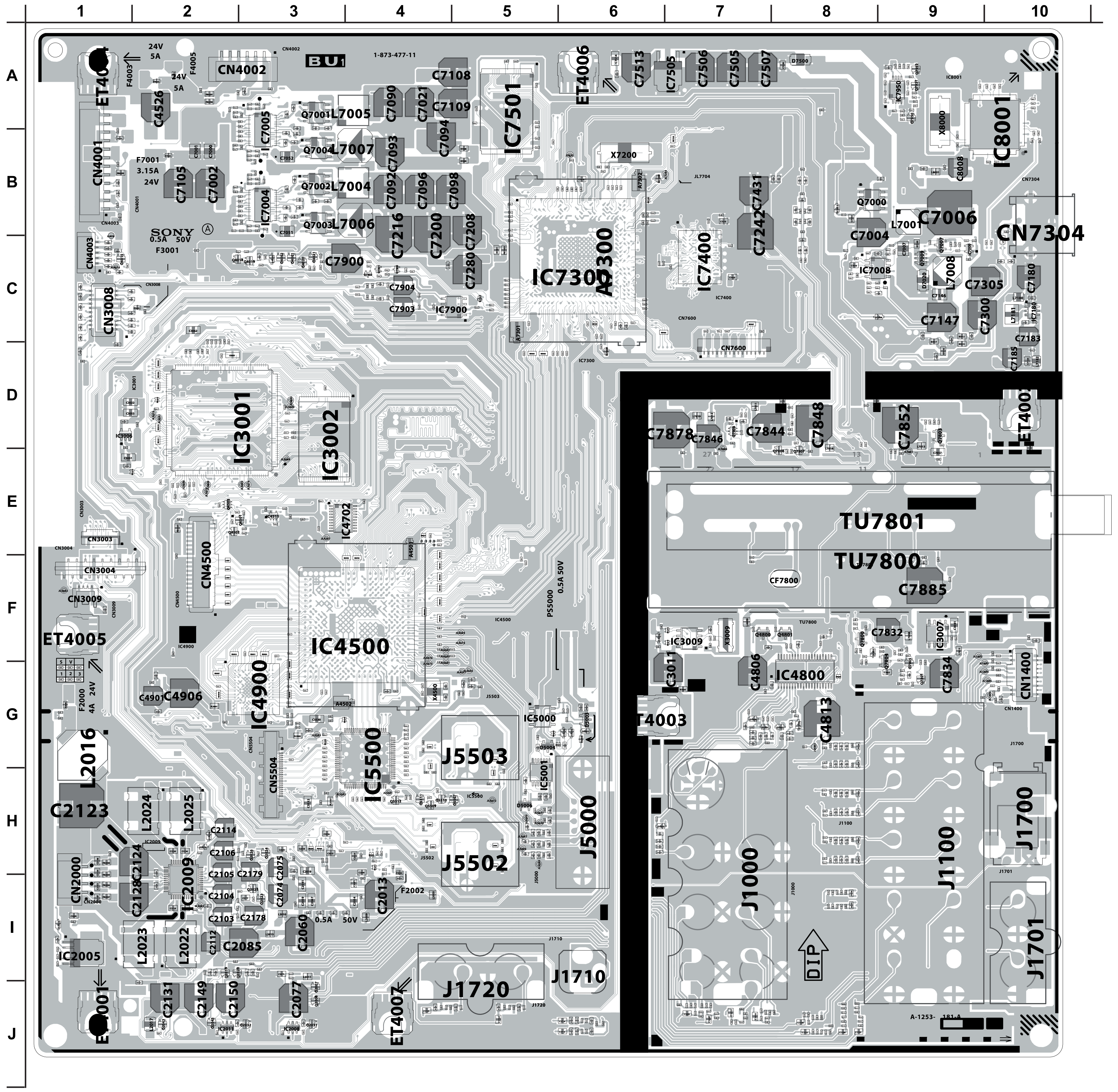

DIGITAL GRAPHICS OUT (DDR)
GRAPHICS DDR->SDR LATCH
TC74VCX16237XEL_F
IC7603
DVI_IF
XILLEON 242
IC7500
215HAALA11HG
DVO_IF
DIGITAL VIDEO ITU-601 OUT (DDR)
ITU601 VIDEO DDR->SDR LATCH
IC7602
TC74VCX374FT(EL)
EJTAG CONNECTOR
CN7600
15P
D3.3V
GND
BU1 11/12
DIGITAL IF / EJTAG
A-1253-181-C/A-1273-106-A <WAX3>BU1-P11

BU1 BOARD SCHEMATIC DIAGRAM (12 OF 12)

VIDEO_IF
FRONT_END_IF
AUDIO_IF
GPIOC
AFT
VIDEO BUFFER
HSYNC DETECT
VIDEO DETECT
BU1 12/12
AVOUT/FE/TUNER
A-1253-181-C/A-1273-106-A <WAX3>BU1-P12

BU [I/O JACKS, AUDIO, MAIN MICRO CONTROLLER, TRIDENT, DDR_SDRAM 128 MBIT, HDMI EPC, POWER EDC_ALERT, POWER, RESET, X242 POWER, PLL, FLEXBUS, USB, PERIPHERALS, DDR, FLASH, NVM, DIGITAL IF, EJTAG, AVOUT, FE, TUNER]

COMPONENT SIDE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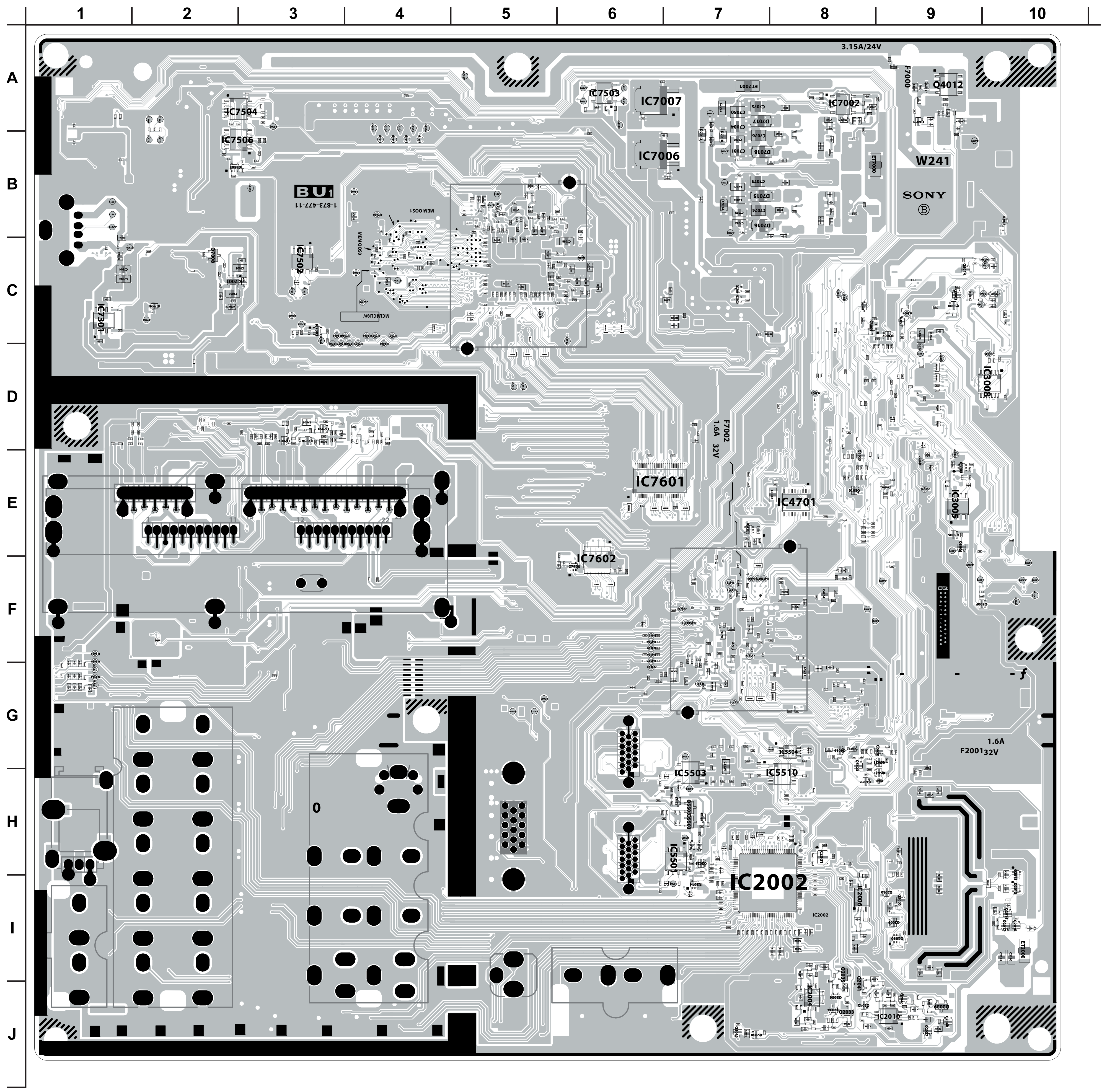
J
BU
1-873-477-11
SONY
CN4002
IC7501
IC7300
IC7400
IC8001
C7006
CN7304
IC3001
IC3002
IC4500
IC4900
IC5500
TU7801
TU7800
IC4800
J5503
J5502
J5000
J1000
J1100
J1700
J1701
J1720
J1710
L2016
C2123
IC2009
IC2005
ET4005
ET4006
ET4007
ET4003
CN1400
DTP

BU [I/O JACKS, AUDIO, MAIN MICRO CONTROLLER, TRIDENT, DDR_SDRAM 128 MBIT, HDMI EPC, POWER EDC_ALERT, POWER, RESET, X242 POWER, PLL, FLEXBUS, USB, PERIPHERALS, DDR, FLASH, NVM, DIGITAL IF, EJTAG, AVOUT, FE, TUNER]

CONDUCTOR SIDE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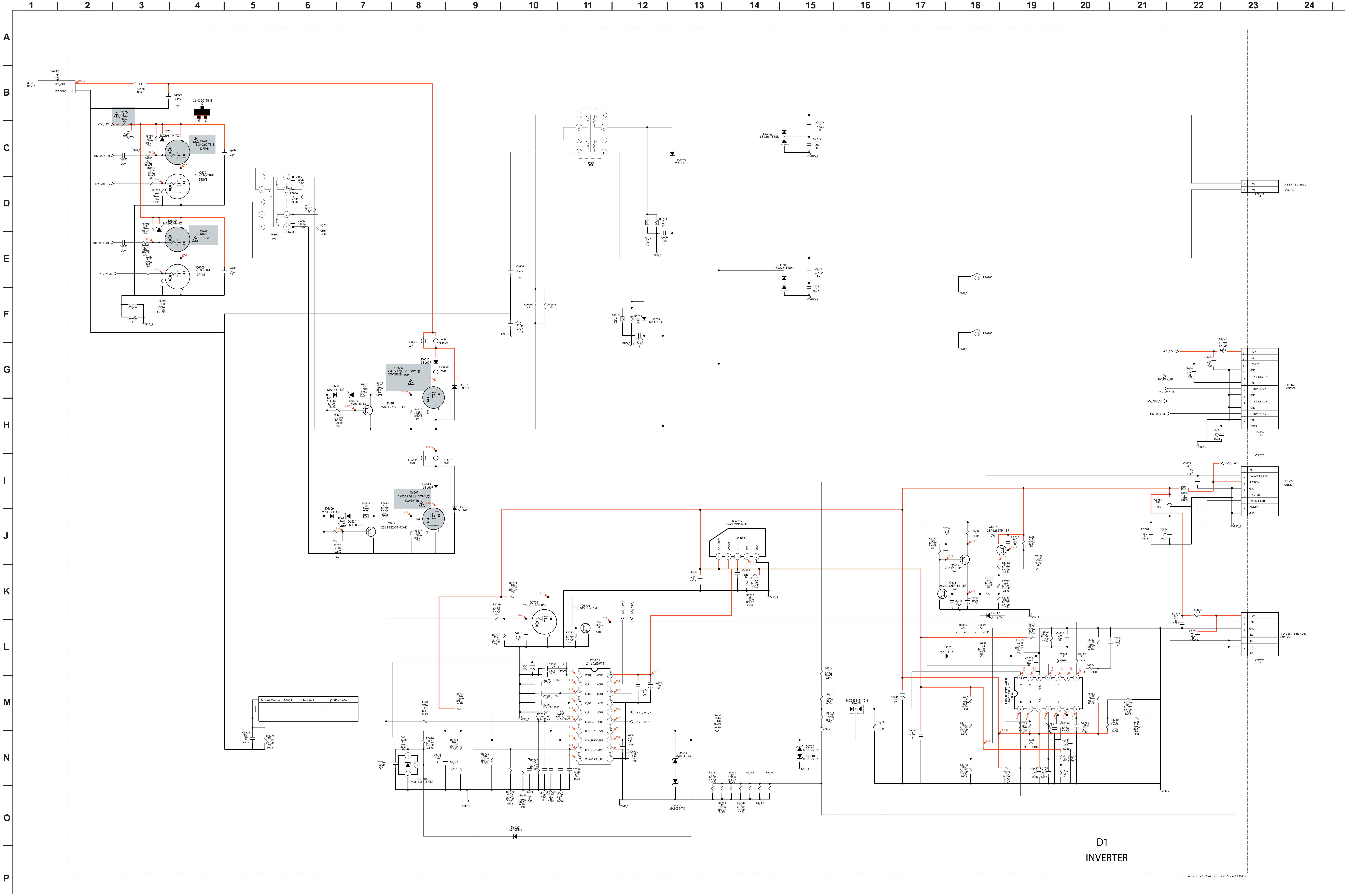
3.15A/24V
IC7503
IC7007
IC7002
IC7504
IC7506
IC7006
Q4012
W241
SONY
BU
IC3008
IC7601
IC4701
IC7602
IC5503
IC5510
IC2002
F2001
1.6A
32V

D1 BOARD SCHEMATIC DIAGRAM (KDL-40S3000 ONLY)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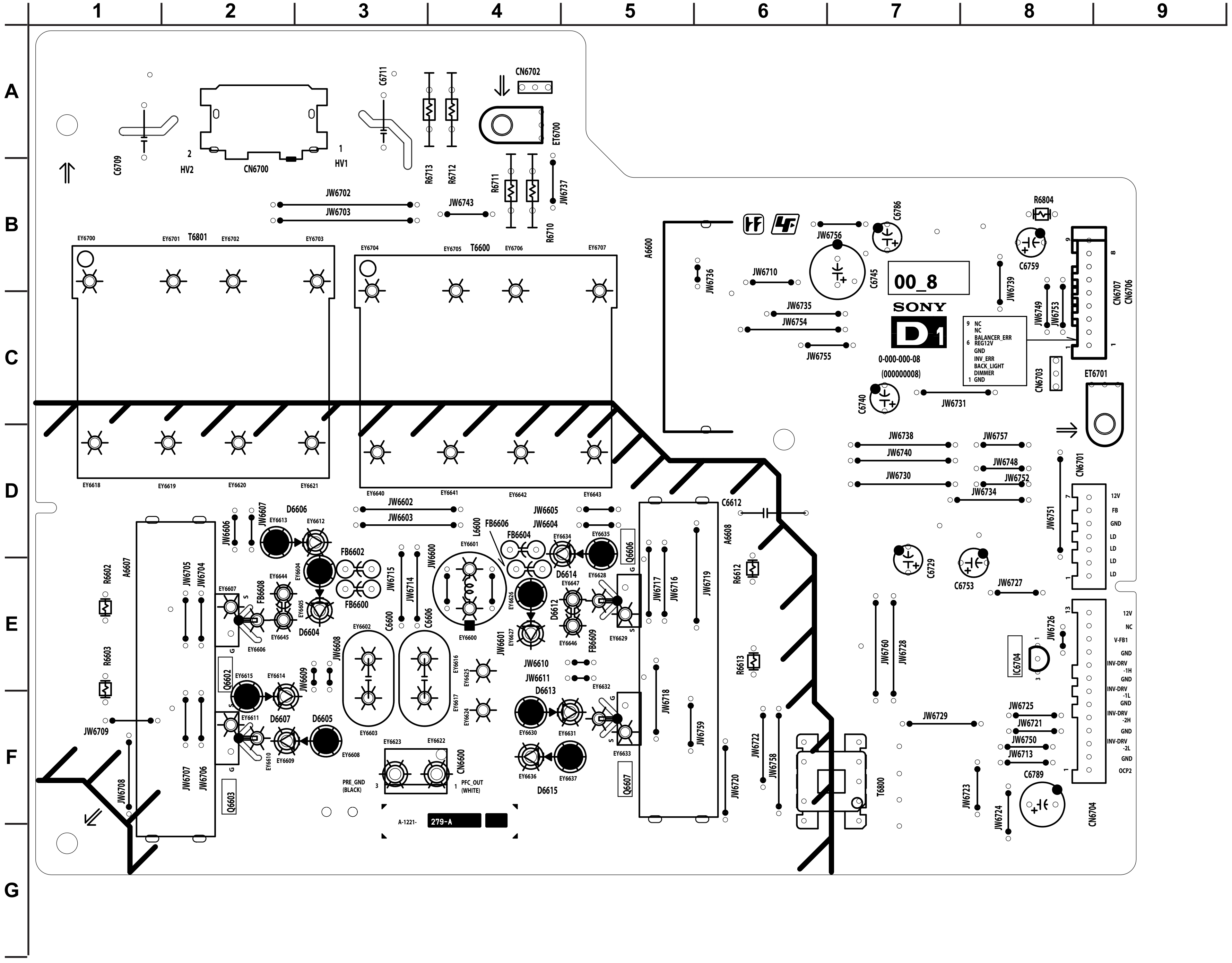
M
N
O
P
TO G1 CN6502
CN6600
PFC_OUT
PR_GND
L6600 100uH
C6600
3LN02C-TB-E
VCC_12V
INV_DRV_1H
INV_DRV_1L
INV_DRV_2H
INV_DRV_2L
Q6700 3LN02C-TB-E DRIVE
Q6701 3LN02C-TB-E DRIVE
Q6702 3LN02C-TB-E DRIVE
Q6703 3LN02C-TB-E DRIVE
T6600 TMP
T6601 TMP
Q6606 2SK3797(LBS1SONY,Q) COVERTER
Q6607 2SK3797(LBS1SONY,Q) COVERTER
Q6604 2SB1122-ST-TD-E
Q6605 2SB1122-ST-TD-E
D6612 S3L60F
D6613 S3L60F
D6614 S3L60F
D6615 S3L60F
D6608 MA113-(TX)
D6609 MA113-(TX)
D6623 MA8036-TX
D6624 MA8036-TX
D6704 1SS226-TE85L
D6701 1SS226-TE85L
D6703 MA111-TX
D6702 MA111-TX
ET6700
ET6701
IC6702 PQ05NNNK12PH
5V REG
IC6701 LX1692IDW-T
Q6704 2SK2009(TE85L)
Q6714 2SA1235TP-1EF
Q6712 2SA1235TP-1EF
Q6711 2SC3052EF-T1-LEF
D6717 MA111-TX
D6718 MA111-TX
D6709 MA8120-TX
D6710 MA8120-TX
D6714 MA8039-TX
D6713 MA8039-TX
D6625 BAT54HT1
IC6704 NM1431AT(CN)
TO LEFT Balance CN6128
CN6706 2P
TO D2 CN6800
CN6704 13P
TO G3 CN6204
CN6707 8P
TO LEFT Balance CN6125
CN6705 7P
12V
NC
V-FB1
GND
INV-DRV-1H
INV-DRV-1L
INV-DRV-2H
INV-DRV-2L
BALANCER_ERR
REG12V
INV_ERR
BACK_LIGHT
DIMMER
FB
LO
C6604 0.1 50V B 2012
R6609 1M 1/10W RN-CP 5% 1608
C6720 1000p 50V B
Mount Mecha A6608
263406621
Q6606,Q6607
D1
INVERTER
A-1236-528-A\A-1236-531-A <WAX3>D1

D1 [INVERTER]
COMPONENT SIDE (KDL-40S3000 ONLY)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C6709
HV2
CN6700
HV1
C6711
R6713
R6712
CN6702
ET6700
R6711
R6710
JW6737
JW6702
JW6703
JW6743
T6801
T6600
EY6700
EY6701
EY6702
EY6703
EY6704
EY6705
EY6706
EY6707
A6600
JW6736
JW6710
JW6735
JW6754
JW6755
JW6756
C6745
C6786
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SONY
D1
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C6740
JW6731
R6804
C6759
JW6739
JW6749
JW6753
CN6707
CN6706
CN6703
ET6701
9 NC
NC
BALANCER_ERR
6 REG12V
GND
INV_ERR
BACK_LIGHT
DIMMER
1 GND
JW6738
JW6740
JW6730
JW6757
JW6748
JW6752
JW6734
CN6701
JW6751
12V
FB
GND
LD
LD
LD
LD
EY6618
EY6619
EY6620
EY6621
EY6640
EY6641
EY6642
EY6643
JW6602
JW6603
JW6605
JW6604
L6600
FB6606
FB6604
FB6602
FB6600
FB6608
FB6609
D6606
D6604
D6607
D6605
D6614
D6612
D6613
D6615
JW6606
JW6607
A6607
R6602
R6603
JW6705
JW6704
JW6707
JW6706
JW6708
JW6709
Q6602
Q6603
Q6606
Q6607
JW6608
JW6609
JW6600
JW6601
JW6715
JW6714
C6600
C6606
JW6610
JW6611
CN6600
PRE_GND
(BLACK)
PFC_OUT
(WHITE)
A-1221-
279-A
A6608
C6612
JW6717
JW6716
JW6719
JW6718
JW6759
JW6720
R6612
R6613
JW6722
JW6758
T6800
C6729
C6753
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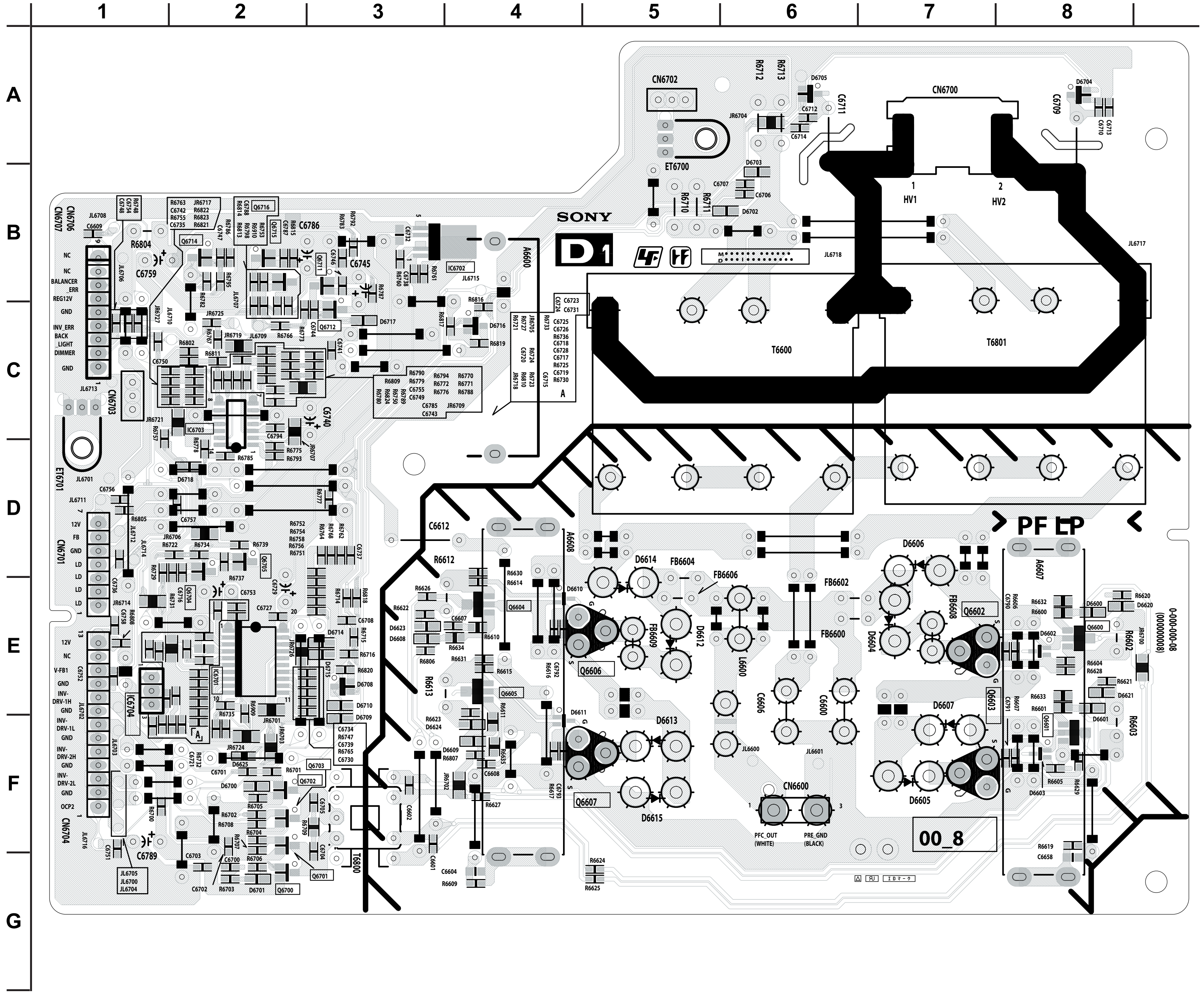
IC6704
JW6725
JW6721
JW6750
JW6713
C6789
JW6723
JW6724
CN6704
12V
NC
V-FB1
GND
INV-DRV -1H
GND
INV-DRV -1L
GND
INV-DRV -2H
GND
INV-DRV -2L
GND
OCP2

D1 [INVERTER]

CONDUCTOR SIDE (KDL-40S3000 ONLY)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CN6702
ET6700
R6712
R6713
CN6700
HV1
HV2
SONY
D1
C6786
C6745
C6759
R6804
CN6706
CN6707
CN6703
CN6701
CN6704
IC6704
ET6701
A6600
IC6702
IC6703
T6600
T6801
C6740
C6612
R6612
R6613
A6608
D6614
FB6604
FB6606
FB6602
FB6600
FB6609
D6612
D6604
D6606
FB6608
Q6602
Q6603
Q6606
Q6607
D6613
D6615
D6607
D6605
L6600
C6606
C6600
CN6600
PFC_OUT (WHITE)
PRE_GND (BLACK)
00_8
A6607
R6602
R6603
PF LP
T6800
C6789
NC
BALANCER_ERR
REG12V
GND
INV_ERR
BACK_LIGHT
DIMMER
12V
FB
LD
V-FB1
INV-DRV-1H
INV-DRV-1L
INV-DRV-2H
INV-DRV-2L
OCP2

D2 BOARD SCHEMATIC DIAGRAM (KDL-46S3000 ONLY)

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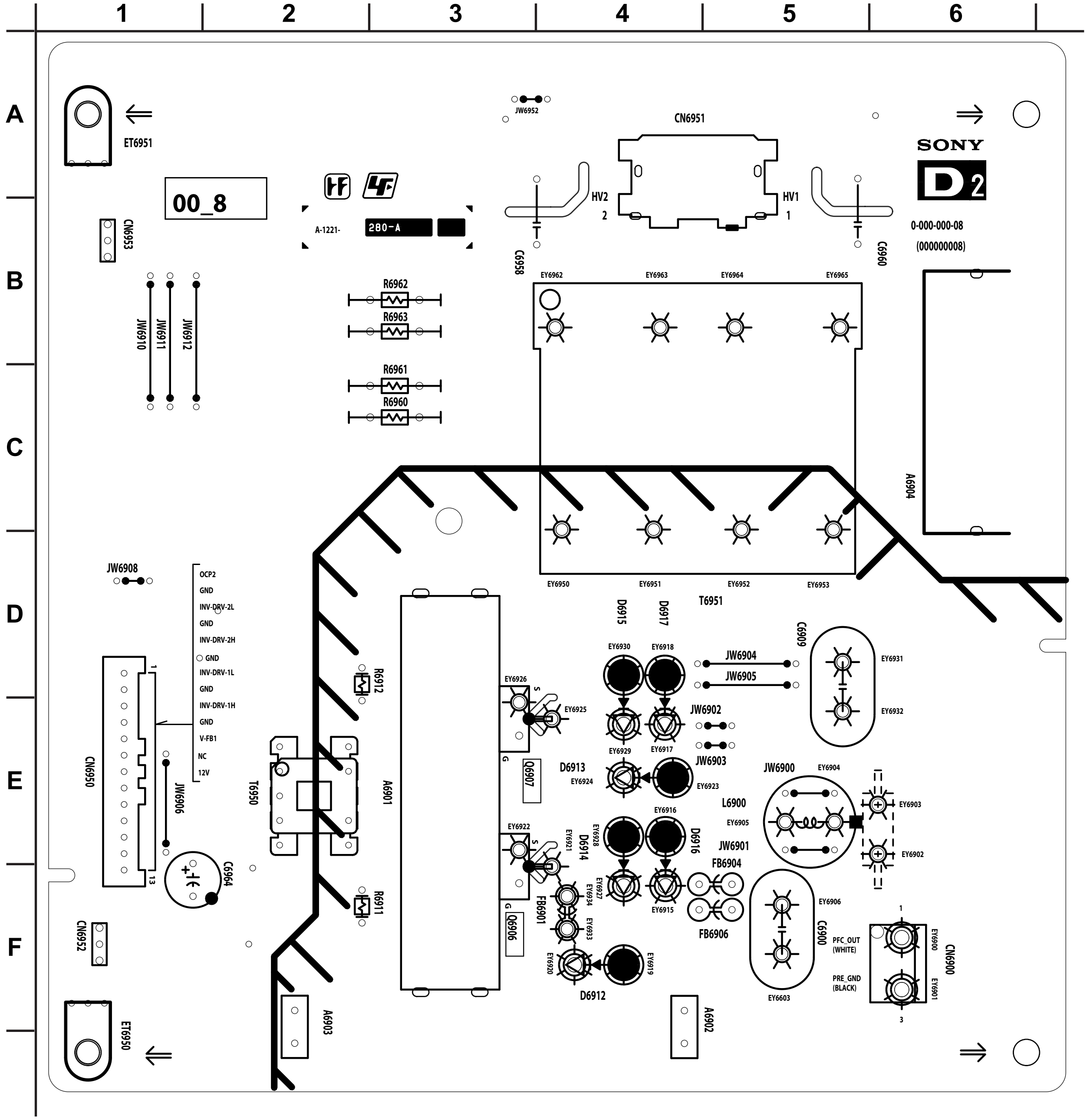
P
CN6900
3P
WHT
3P
TO G3
CN6501
PFC_OUT
PRI_GND
391.0
L6900
100uH
C6900
1
450V
PT
R6950
4.7
1/10W
RN-CP
5%
MA8051-M-TX
D6951
VCC_12V
C6964
47
25V
GND_3
3LN02C-TB-E
D
G
S
R6956
10k
1/10W
RN-CP
5%
INV_DRV_1H
C6950
0.1
25V
B
1608
R6953
4.7
1/10W
RN-CP
5%
10.0
9.7
Q6950
3LN02C-TB-E
DRIVE
C6952
0.1
25V
B
R6954
4.7
1/10W
RN-CP
5%
INV_DRV_1L
0.8
Q6951
3LN02C-TB-E
DRIVE
R6957
10k
1/10W
5%
RN-CP
D6950
MA8051-M-TX
R6955
10k
1/10W
RN-CP
5%
INV_DRV_2H
C6951
0.1
25V
B
1608
R6951
4.7
1/10W
RN-CP
5%
R6952
4.7
1/10W
RN-CP
5%
Q6952
3LN02C-TB-E
DRIVE
R6965
0
CHIP
1608
R6966
0
CHIP
1608
INV_DRV_2L
Q6953
3LN02C-TB-E
DRIVE
C6953
0.1
25V
B
R6958
10k
1/10W
5%
RN-CP
GND_3
TMP
T6950
C6903
1000p
50V
B
1608
C6904
1000p
50V
B
1608
D6902
MA113-(TX)
R6907
2.2k 5%
1/10W
2012
D6904
MA8036-TX
R6911
68
1/4W
FPRD
R6913
4.7
1/10W
RN-CP
5%
206.4
R6903
2.2k 5%
1/10W
2012
Q6902
2SB1122-ST-TD-E
SPEED UP
FB6904
0uH
FB6906
0uH
D6912
S3L60F
FB6901
0uH
413.0
Q6906
2SK3797(LBS1SONY,Q)
CONVERTER
TMP
194.5
R6917
10k
1/10W
RN-CP
5%
192.8
D6914
S3L60F
FB6905
0uH
FB6907
0uH
D6913
S3L60F
D6903
MA113-(TX)
R6908
2.2k 5%
1/10W
2012
D6905
MA8036-TX
R6912
68
1/4W
FPRD
R6914
4.7
1/10W
RN-CP
5%
3.0
R6904
2.2k 5%
1/10W
2012
Q6903
2SB1122-ST-TD-E
SPEED UP
Q6907
2SK3797(LBS1SONY,Q)
CONVERTER
TMP
240.0
2.4
R6918
10k
1/10W
RN-CP
5%
D6915
S3L60F
C6909
1
450V
PT
T6951
TMP
D6953
MA111-TX
R6963
12
1W
RS
R6962
12
1W
RS
C6957
0.01
25V
B
1608
GND_2
R6960
12
1W
RS
R6961
12
1W
RS
D6952
MA111-TX
C6956
0.01
25V
B
1608
GND_2
D6954
1SS226-TE85L
C6958
15p
6.3kV
SL
C6959
4700p
50V
B
1608
GND_3
D6955
1SS226-TE85L
C6960
15p
6.3kV
SL
C6961
4700p
50V B
1608
GND_3
C6905
1000p
50V
B
1608
ET6951
GND_2
HV2
HV1
TO PANEL
CN6951
2P
TO D1
CN6704
VCC_12V
12V
NC
V-FB1
GND
INV-DRV-1H
GND
INV-DRV-1L
GND
INV-DRV-2H
GND
INV-DRV-2L
GND
OCP2
2.7
0.9
0.8
0.9
0.8
0.1
INV_DRV_1H
INV_DRV_1L
INV_DRV_2H
INV_DRV_2L
CN6950
13P
GND_3
t @ X g
CN6952
FROM POWER SUPPLY
ET6950
GND_3
C6911
0.1
50V
B
2012
R6919
1M
1/10W
RN-CP
5%
Mount Mecha
A6901
263406621
Q6906,Q6907
D2
INVERTER
WAX3_46V ONLY
A-1247-497-A <WAX3>D2

D2 [INVERTER]
COMPONENT SIDE (KDL-46S3000 ONLY)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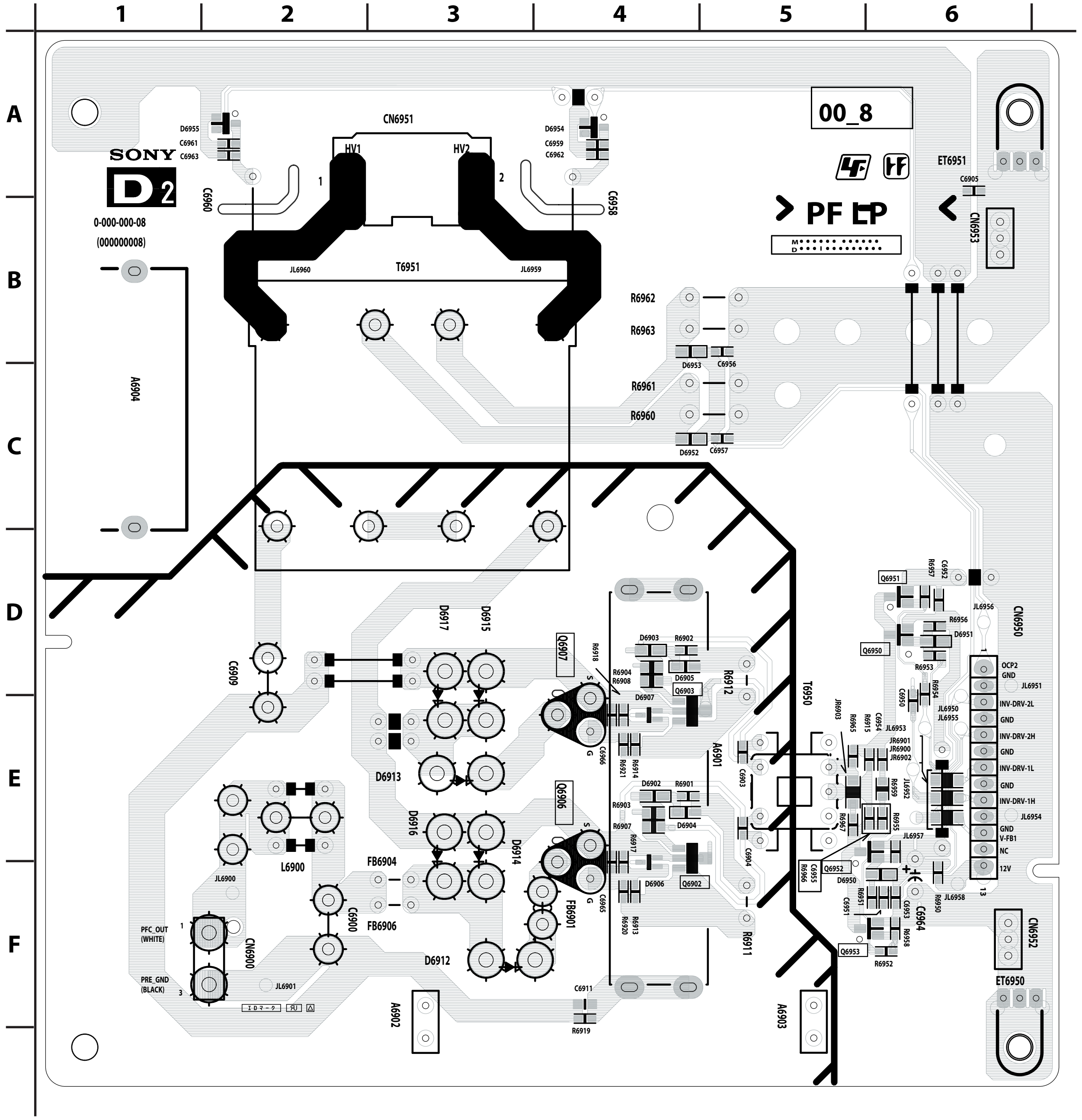
A
B
C
D
E
F
ET6951
CN6951
SONY
D2
0-000-000-08
(000000008)
00_8
CN6953
A-1221-
280-A
HV2
HV1
C6958
C6960
R6962
R6963
R6961
R6960
JW6910
JW6911
JW6912
JW6952
EY6962
EY6963
EY6964
EY6965
A6904
EY6950
EY6951
EY6952
EY6953
T6951
JW6908
OCP2
GND
INV-DRV-2L
GND
INV-DRV-2H
GND
INV-DRV-1L
GND
INV-DRV-1H
GND
V-FB1
NC
12V
CN6950
JW6906
T6950
A6901
R6912
R6911
C6964
D6915
D6917
D6913
D6914
D6916
D6912
Q6907
Q6906
FB6901
JW6904
JW6905
JW6902
JW6903
JW6900
JW6901
L6900
FB6904
FB6906
C6909
C6900
CN6900
PFC_OUT (WHITE)
PRE_GND (BLACK)
A6902
A6903
CN6952
ET6950

D2 [INVERTER]
CONDUCTOR SIDE (KDL-46S3000 ONLY)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A
B
C
D
E
F
CN6951
HV1
HV2
SONY
D2
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(000000008)
00_8
ET6951
PF LP
CN6953
C6960
C6958
T6951
JL6960
JL6959
A6904
R6962
R6963
R6961
R6960
D6953
C6956
D6952
C6957
D6917
D6915
Q6907
A6901
R6912
T6950
CN6950
OCP2
GND
INV-DRV-2L
GND
INV-DRV-2H
GND
INV-DRV-1L
GND
INV-DRV-1H
GND
V-FB1
NC
12V
C6909
D6913
D6916
D6914
Q6906
L6900
FB6904
FB6906
FB6901
C6900
CN6900
PFC_OUT (WHITE)
PRE_GND (BLACK)
JL6900
JL6901
D6912
C6911
R6919
A6902
A6903
R6911
C6964
CN6952
ET6950
Q6951
Q6950
Q6952
Q6953

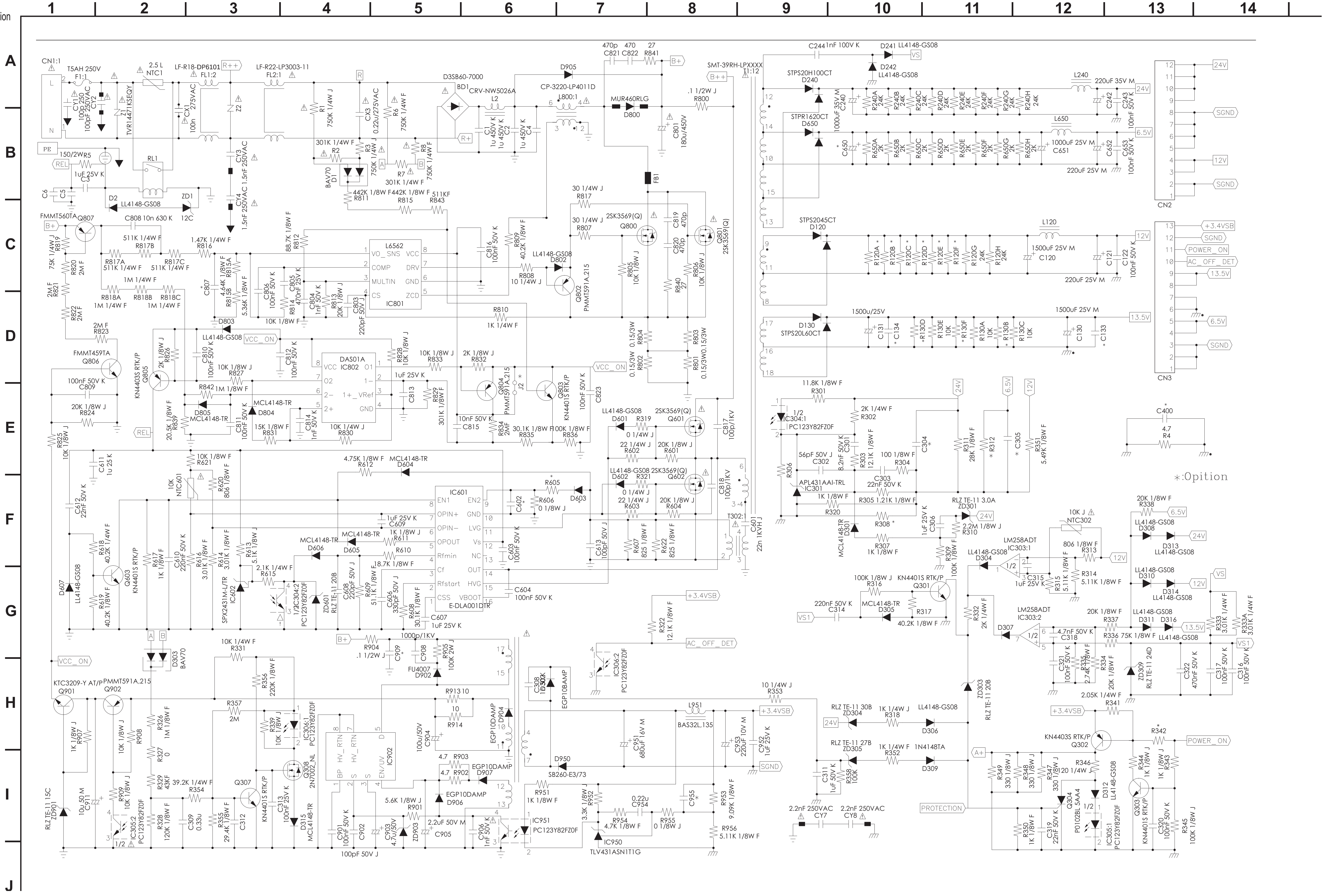
G1D BOARD SCHEMATIC DIAGRAM (KDL-26S3000 ONLY)

This board is manufactured by a 3rd party. Component level repair information is not available.

G1D

[POWER SUPPLY]

PWB IS NOT AVAILABLE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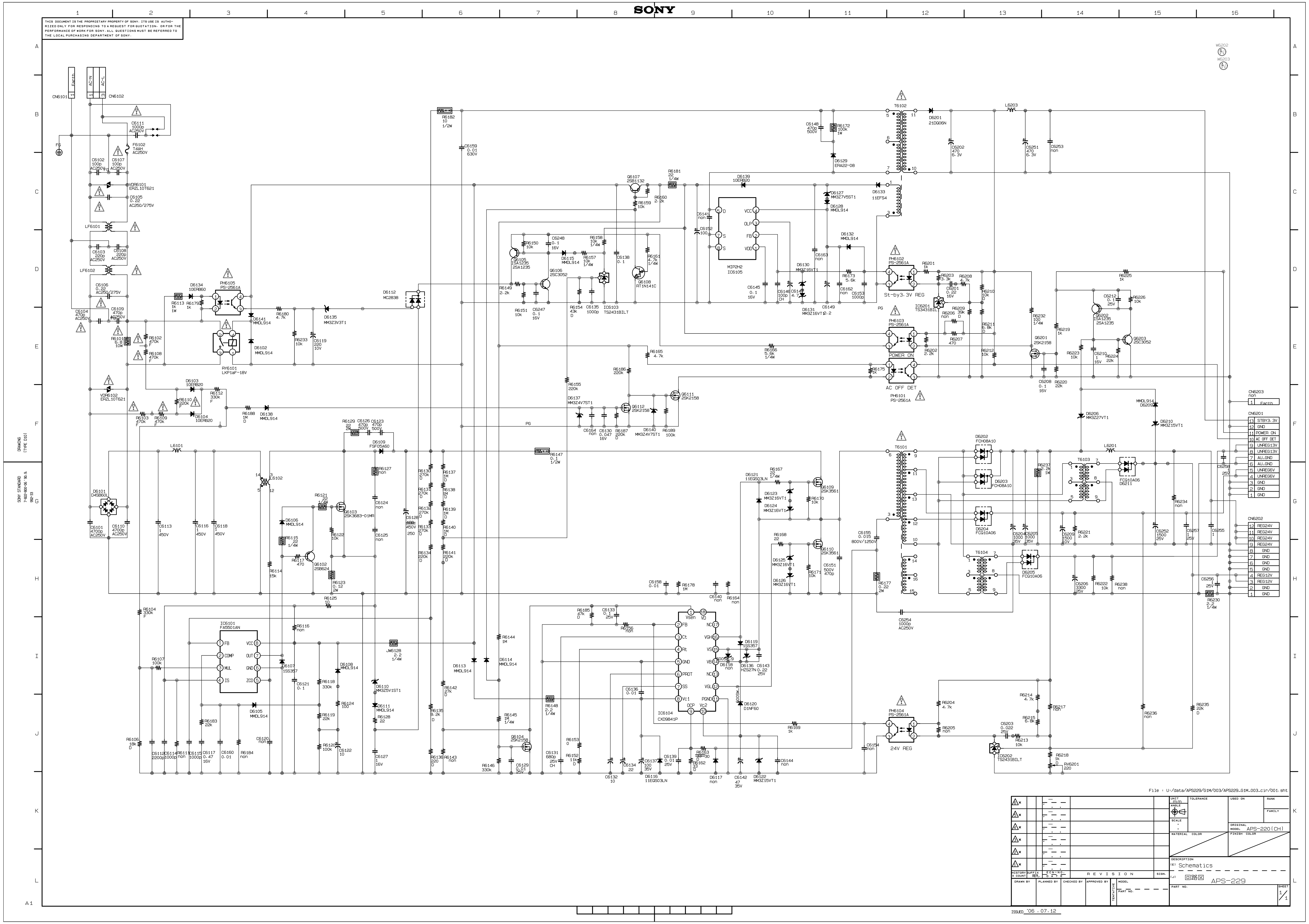
12
13
14
A
B
C
D
E
F
G
H
I
J
CN1:1
T5AH 250V F1:1
2.5 L NTC1
LF-R18-DP6101 FL1:2
LF-R22-LP3003-11 FL2:1
D3SB60-7000 BD1
CRV-NW5026A L2
D905
CP-3220-LP4011D L800:1
MUR460RLG D800
470p C821
470 C822
27 R841
SMT-39RH-LPXXXX T1:12
C244 1nF 100V K
D241 LL4148-GS08
D242 LL4148-GS08
STPS20H100CT D240
STPR1620CT D650
L240
220uF 35V M
L650
1000uF 25V M C651
CN2
24V
SGND
6.5V
12V
PE
150/2W R5
RL1
1uF 25V K C3
D2 LL4148-GS08
ZD1 12C
FMMT560TA Q807
C808 10n 630 K
L6562 IC801
VO_SNS
COMP
MULTIN
CS
VCC
DRV
GND
ZCD
2SK3569(Q) Q800
2SK3569(Q) Q801
LL4148-GS08 D802
PMMT591A,215 Q802
FB1
C801 180u/450V
.1 1/2W J R800
STPS2045CT D120
L120
1500uF 25V M C120
+3.4VSB
POWER_ON
AC_OFF_DET
13.5V
D130 STPS20L60CT
1500u/25V
1500uF 25V M
CN3
FMMT459TA Q806
KN4403S RTK/P Q805
DAS01A IC802
D803 LL4148-GS08
VCC_ON
MCL4148-TR D804
D805 MCL4148-TR
Q804 PMMT591A,215
Q803 KN4401S RTK/P
LL4148-GS08 D601
2SK3569(Q) Q601
LL4148-GS08 D602
2SK3569(Q) Q602
1/2 IC304:1 PC123Y82FZ0F
APL431AAI-TRL IC301
RLZ TE-11 3.0A ZD301
LM258ADT IC303:1
LM258ADT IC303:2
KN4401S RTK/P Q301
C400
4.7 R4
*:Opition
NTC601
IC601
EN1
OPIN+
OPIN-
OPOUT
Rfmin
Cf
Rfstart
CSS
EN2
GND
LVG
Vs
NC
OUT
HVG
VBOOT
E-DLA001DTR
MCL4148-TR D604
D603
MCL4148-TR D605
D606
SPX2431M-L/TR IC602
1/2IC304:2 PC123Y82FZ0F
RLZ TE-11 20B ZD601
KN4401S RTK/P Q603
LL4148-GS08 D607
T302:1
C601 22n 1KVH J
BAV70 D303
FU4007 D902
EGP10BAMP
IC306:2 PC123Y82FZ0F
KTC3209-Y AT/P Q901
PMMT591A,215 Q902
IC306:1 PC123Y82FZ0F
Q308 2N7002_NL
KN4401S RTK/P Q307
MCL4148-TR D315
IC902
BP
HV_RTN
S
EN/UV
D
EGP10DAMP D904
EGP10DAMP D907
EGP10DAMP D906
ZD903
L951 BAS32L,135
C951 680uF 16V M
D950 SB260-E3/73
IC951 PC123Y82FZ0F
IC950 TLV431ASN1T1G
RLZ TE-11 15C ZD901
IC305:2 PC123Y82FZ0F
RLZ TE-11 30B ZD304
RLZ TE-11 27B ZD305
LL4148-GS08 D306
1N4148TA D309
PROTECTION
2.2nF 250VAC CY7
2.2nF 250VAC CY8
KN4403S RTK/P Q302
P0102BL 5AA4 Q304
IC305:1 PC123Y82FZ0F
KN4401S RTK/P Q303
LL4148-GS08 D312
RLZ TE-11 20B ZD303
RLZ TE-11 24D ZD309
NTC302
LL4148-GS08 D308
LL4148-GS08 D313
LL4148-GS08 D310
LL4148-GS08 D314
D311
D316
LL4148-GS08
VS
VS1
A+
B+
REL

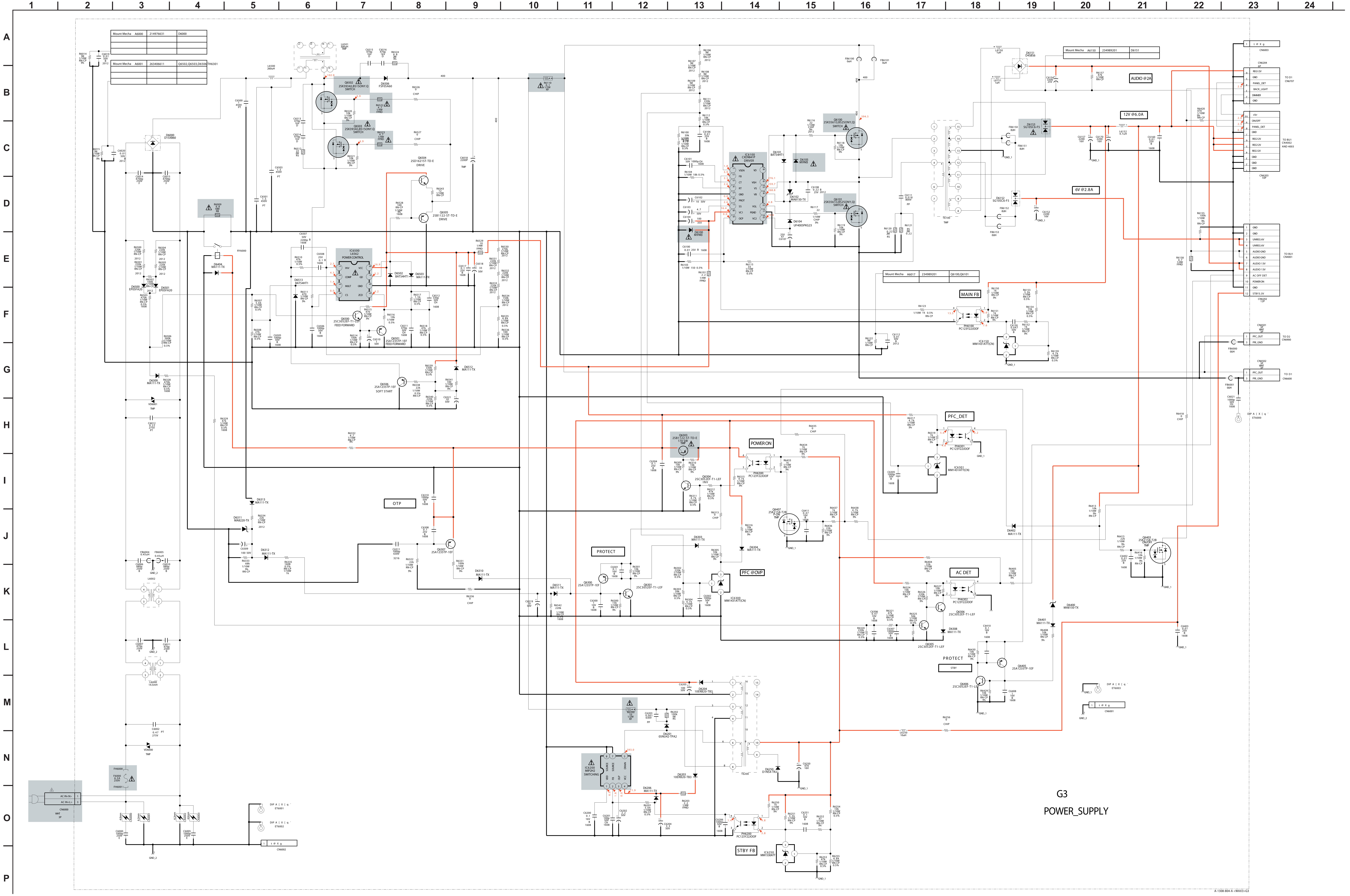
G1H BOARD SCHEMATIC DIAGRAM (POWER SUPPLY) (KDL-32S3000 ONLY)

This board is manufactured by a 3rd party. Component level repair information is not available.

G1H [POWER SUPPLY]
PWB IS NOT AVAILABLE


SONY
THIS DOCUMENT IS THE PROPRIETARY PROPERTY OF SONY. ITS USE IS AUTHORIZED ONLY FOR RESPONDING TO A REQUEST FOR QUOTATION, OR FOR THE PERFORMANCE OF WORK FOR SONY. ALL QUESTIONS MUST BE REFERRED TO THE LOCAL PURCHASING DEPARTMENT OF SONY.
CN6101
Earth
CN6102
AC-N
AC-L
FG
C6111 1000p AC250V
F6102 T4AH AC250V
C6102 100p AC250V
C6107 100p AC250V
VDR6101 ERZL10T621
C6105 0.22 AC250/275V
LF6101
C6103 220p AC250V
C6108 220p AC250V
LF6102
C6106 0.22 AC250/275V
C6104 470p AC250V
C6109 470p AC250V
R6101 6.8 10W
R6102 470k
R6108 470k
VDR6102 ERZL10T621
R6103 470k
R6109 470k
PH6105 PS-2561A
D6134 10ERB20
R6113 1k 1W
R6179 1k
RY6101 LKP1aF-18V
D6141 MMDL914
D6102 MMDL914
R6180 4.7k
R6233 10k
C6119 220 10V
D6135 MM3Z3V3T1
D6112 MC2838
D6103 10ERB20
R6110 220k
D6104 10ERB20
R6112 330k
R6188 1M
D6138 MMDL914
R6182 10 1/2W
C6159 0.01 630V
Q6107 2SB1132
R6181 22 1/4W
R6159 10k
R6160 2.2k
Q6105 2SA1235
R6150 10k
C6248 0.1 16V
D6115 MMDL914
R6158 10k 1/4W
R6157 10k 1/4W
Q6106 2SC3052
C6138 0.1
R6161 4.7k 1/4W
Q6108 RT1N141C
IC6103 TS2431BILT
R6149 2.2k
R6151 10k
C6247 0.1 16V
R6154 43k
C6135 1000p
D6139 10ERB20
C6141 non
C6152 100
IC6105 MIP2H2
D6127 MM3Z7V5ST1
D6128 MMDL914
D6132 MMDL914
C6163 non
D6130 MM3Z16VT1
C6145 0.1 16V
C6146 1000 CH
C6147 4.7
D6131 MM3Z16VT1
C6149 2.2
R6173 5.6k
C6162 non
C6153 1000p
C6148 470p 500V
R6172 100k 1W
D6129 ERA22-08
D6133 11EFS4
T6102
D6201 21DQ06N
C6202 470 6.3V
L6203
C6251 470 6.3V
C6253 non
PH6102 PS-2561A
R6201 1k
R6203 3.3k
R6208 4.7k
C6201 0.22 16V
IC6201 TS3431BIL
R6206 non
R6209 39k
R6210 10k
R6211 6.8k
R6207 470
R6212 10k
St-by3.3V REG
PG
PH6103 PS-2561A
POWER ON
R6202 2.2k
PH6101 PS-2561A
AC OFF DET
R6175 1k
C6208 0.1 16V
R6220 22k
R6232 100 1/4W
Q6201 2SK2158
R6219 1k
R6223 10k
C6210 1 16V
R6224 22k
Q6202 2SA1235
C6212 0.1 25V
R6226 10k
R6225 1k
Q6203 2SC3052
R6165 4.7k
R6166 5.6k 1/4W
R6186 220k
Q6111 2SK2158
R6155 220k
D6137 MM3Z4V7ST1
Q6112 2SK2158
C6154 non
C6130 0.047 16V
R6187 220k
D6140 MM3Z4V7ST1
R6189 100k
CN6203 non
1 Earth
CN6201
13 STBY3.3V
12 GND
11 POWER ON
10 AC OFF DET
9 UNREG13V
8 UNREG13V
7 AU_GND
6 AU_GND
5 UNREG6V
4 UNREG6V
3 GND
2 GND
1 GND
D6206 MM3Z27VT1
D6209 MMDL914
D6210 MM3Z15VT1
L6101
L6102
D6101 D4SB60L
C6101 4700p AC250V
C6110 4700p AC250V
C6113 1 450V
C6116 1 450V
C6118 1 450V
R6129 22
C6126 470p 500V
C6123 470p 500V
D6109 FSF05A60
R6127 non
R6121 22 1/4W
Q6103 2SK3683-01MR
D6106 MMDL914
R6115 22 1/4W
R6122 10k
Q6102 2SB624
R6117 470
R6114 15k
R6123 0.12 2W
R6125 10
C6124 non
C6125 non
C6128 0.1 450V 250
R6130 270k
R6131 270k
R6132 270k
R6133 270k
R6134 220k
R6137 1M
R6138 1M
R6139 1M
R6140 1M
R6141 220k
R6147 0.1 1/2W
T6101
R6167 22 1/4W
D6121 11EQS03LN
D6123 MM3Z16VT1
D6124 MM3Z16VT1
Q6109 2SK3561
R6170 10k
R6168 22
D6125 MM3Z16VT1
D6126 MM3Z16VT1
Q6110 2SK3561
R6171 10k
C6151 500V 470p
C6155 0.015 800V/1250V
R6177 0.22 2W
C6254 1000p AC250V
D6202 FCH08A10
D6203 FCH08A10
D6204 FCQ10A06
T6103
L6201
D6211 FCQ10A06
R6237 2.2k 1W
T6104
D6205 FCQ10A06
C6204 1000 35V
C6205 1000 35V
C6209 1500 10V
R6221 2.2k
C6206 3300 25V
R6222 10k
R6238 non
R6234 non
C6252 1500 25V
C6257 1 25V
C6255 1
C6258 1 25V
CN6202
12 REG24V
11 REG24V
10 REG24V
9 REG24V
8 GND
7 GND
6 GND
5 GND
4 REG12V
3 REG12V
2 GND
1 GND
C6256 1 25V
R6230 2.2 1/4W
R6104 330k
IC6101 FA5501AN
FB
COMP
MUL
IS
VCC
OUT
GND
ZCD
R6116 non
D6107 1SS357
C6121 0.1
R6107 100k
R6118 330k
D6108 MMDL914
R6124 100
R6119 22k
R6126 100k
C6122 10
D6105 MMDL914
JW6128 2.2 1/4W
D6110 MM3Z5V1ST1
D6111 MMDL914
R6128 22
C6127 1 16V
R6183 22k
R6106 18k
C6112 2200p
C6114 1000p
R6111 non
C6115 1000p
C6117 0.47 16V
C6160 0.01
R6184 non
C6120 non
R6135 8.2k
R6136 220
R6142 27k
R6143 non
D6113 MMDL914
D6114 MMDL914
R6144 1M
R6145 1M 1/4W
R6146 330k
Q6104 2SK2158
C6129 0.01 25V
R6148 2.2 1/4W
C6131 680p 25V CH
R6153 0
R6152 11k
C6158 0.01
R6178 1M
C6140 non
C6164 non
R6185 47k
C6133 0.1 25V
R6156 non
IC6104 CXD9841P
Vsen
VD
FB
NC
Ct
VGH
Rt
VS
GND
VB
PROT
NC
SS
VGL
Vc1
PGND
OCP
Vc2
D6119 1SS357
D6118 non
D6136 HZS27N
C6143 0.22 25V
R6163 non
D6120 D1NF60
C6136 0.01
C6132 10
C6134 22
C6137 100 35V
D6116 11EQS03LN
C6139 0.01 25V
R6162 33
D6117 non
C6142 47 35V
D6122 MM3Z15VT1
C6144 non
R6169 1k
PH6104 PS-2561A
24V REG
R6204 4.7k
R6205 non
C6203 0.022 25V
R6214 4.7k
R6215 6.8k
R6217 non
R6213 10k
IC6202 TS2431BILT
R6218 1k
RV6201 220
R6236 non
R6235 22k
W6202
W6203
File : U:/data/APS229/G1M/003/APS229_G1M_003_cir/001.sht
HISTORY X COUNT
SUFFIX REPL.
ECN-NO. DATE
R E V I S I O N
SIGN.
DRAWN BY
PLANNED BY
CHECKED BY
APPROVED BY
TENTATIVE
MODEL
PART NO.
UNIT mm
ANGLE
SCALE
TOLERANCE
USED ON
RANK
FAMILY
ORIGINAL MODEL APS-220(CH)
MATERIAL COLOR
FINISH COLOR
DESCRIPTION
(E) Schematics
(J) 回路図
APS-229
PART NO.
SHEET 1/1
ISSUED '06.07.12
SONY STANDARD 7-002-006-06 '98.5
DRAWING (TYPE 010)
A1

G3 BOARD SCHEMATIC (POWER SUPPLY) (KDL-40S3000/46S3000 ONLY)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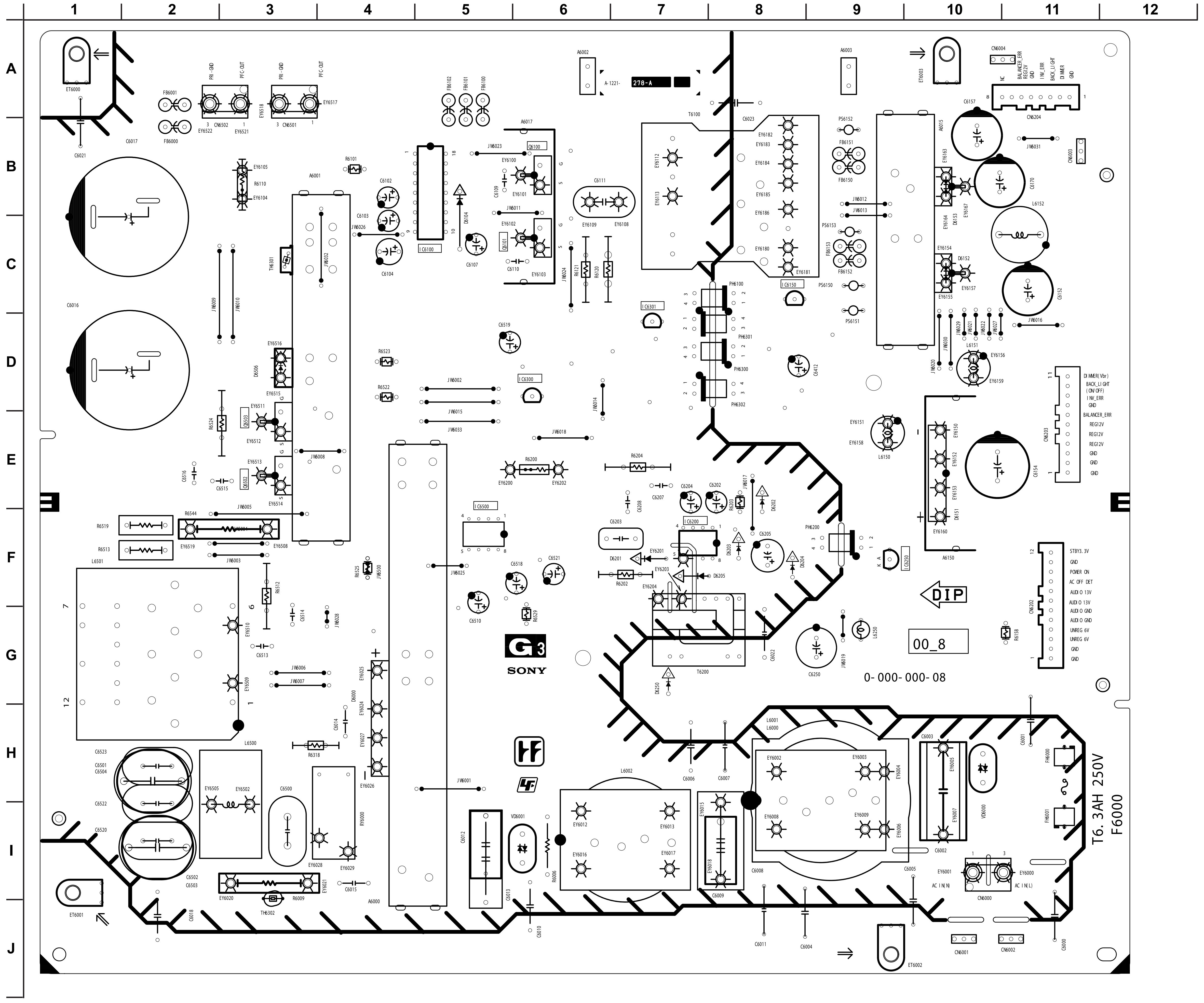
G
H
I
J
K
L
M
N
O
P
AUDIO @2A
12V @6.0A
6V @2.8A
MAIN FB
PFC_DET
POWER ON
OTP
PROTECT
PFC @OVP
AC DET
PROTECT
STBY FB
G3
POWER_SUPPLY

G3 [POWER SUPPLY]

COMPONENT SIDE (KDL-40S3000/46S3000 ONLY)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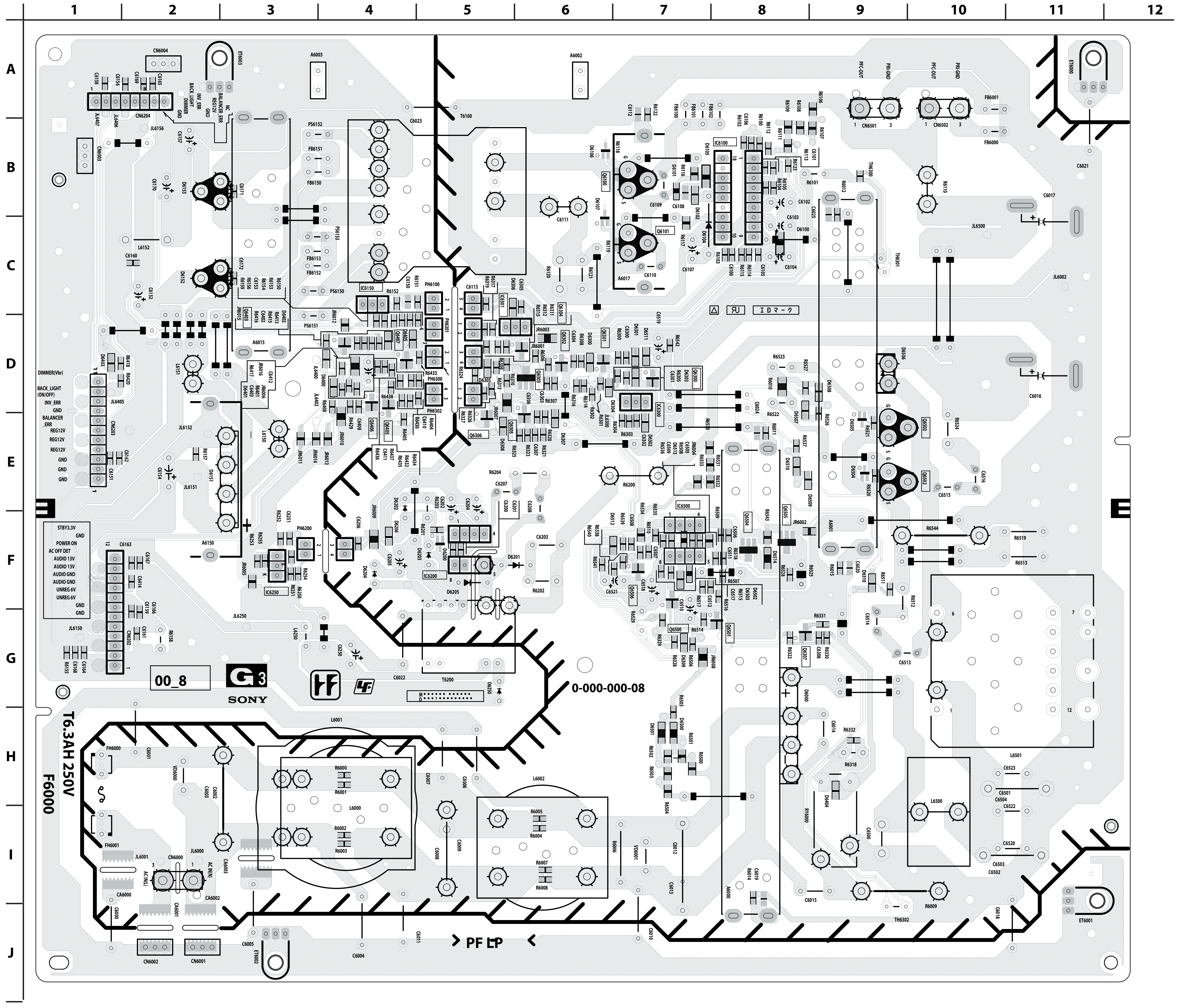
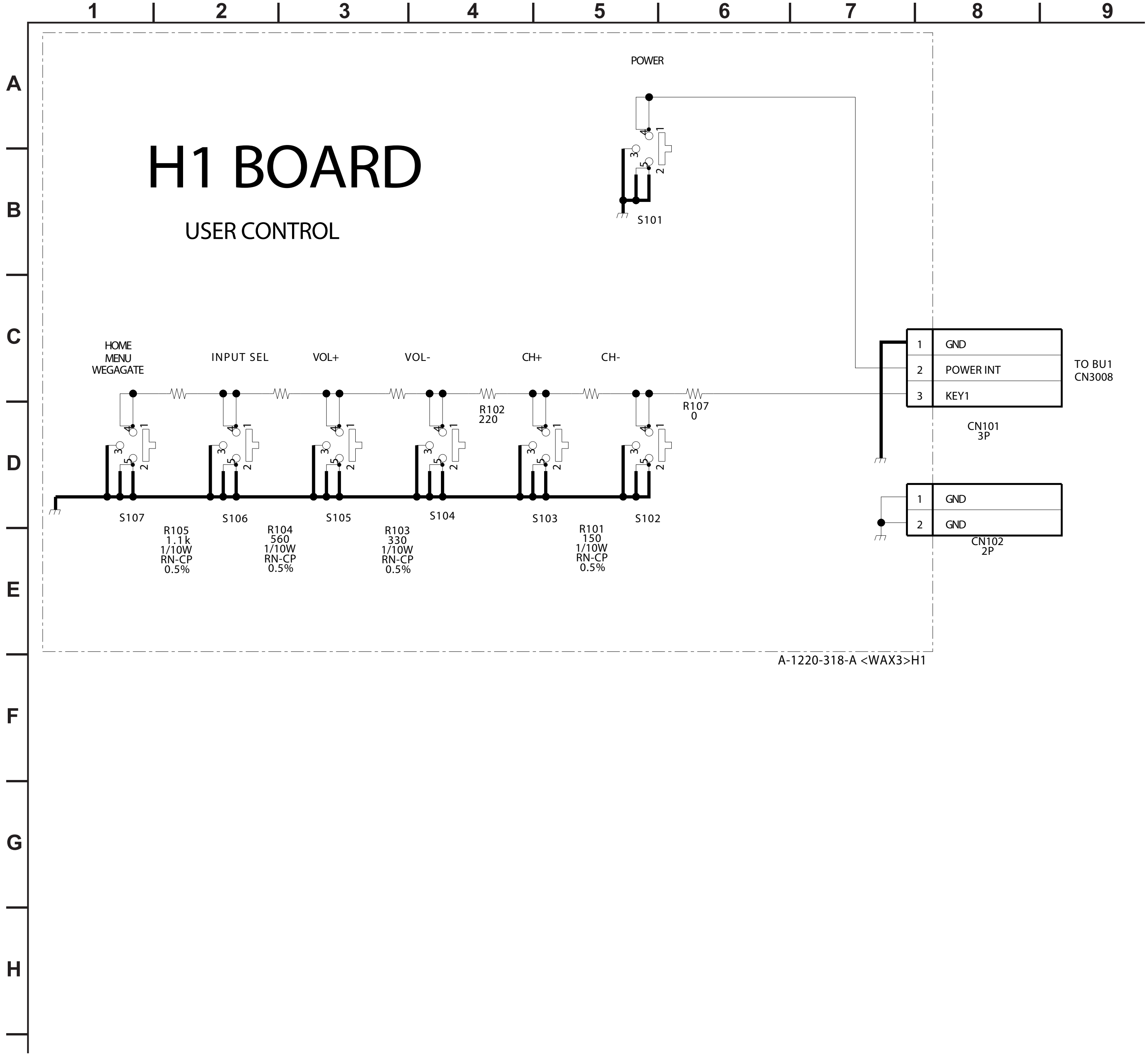
I
J
DIP
00_8
0-000-000-08
G3
SONY
T6.3AH 250V
F6000

G3 [POWER SUPPLY]

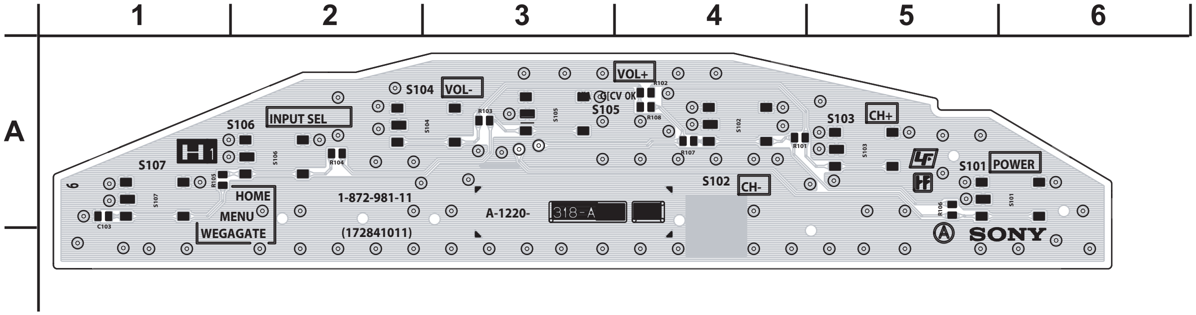
COMPONENT SIDE (KDL-40S3000/46S3000 ONLY)


1
2
3
4
5
6
7
8
9
10
11
12
A
B
C
D
E
F
G
H
I
J
00_8
G3
SONY
0-000-000-08
T6.3AH 250V
F6000
PF LP

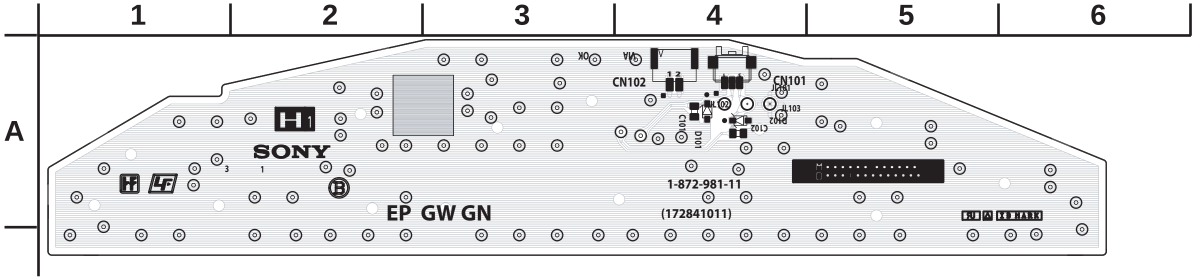
H1 BOARD SCHEMATIC DIAGRAM


1
2
3
4
5
6
7
8
9
A
B
C
D
E
F
G
H
H1 BOARD
USER CONTROL
POWER
S101
HOME
MENU
WEGAGATE
INPUT SEL
VOL+
VOL-
CH+
CH-
R102
220
R107
0
S107
S106
S105
S104
S103
S102
R105
1.1k
1/10W
RN-CP
0.5%
R104
560
1/10W
RN-CP
0.5%
R103
330
1/10W
RN-CP
0.5%
R101
150
1/10W
RN-CP
0.5%
1 GND
2 POWER INT
3 KEY1
TO BU1
CN3008
CN101
3P
1 GND
2 GND
CN102
2P
A-1220-318-A <WAX3>H1

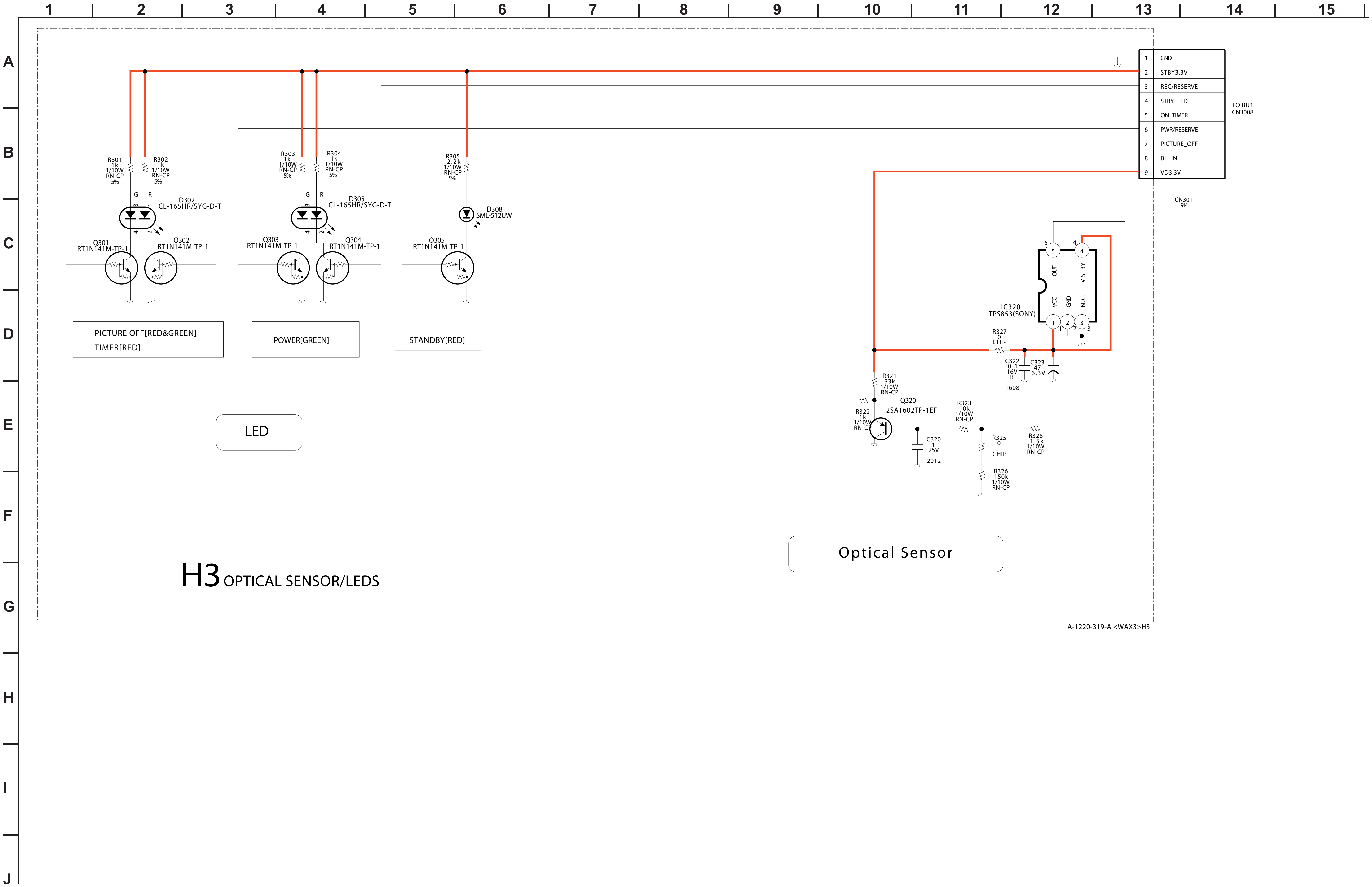
H1 [USER CONTROL]
COMPONENT SIDE


1
2
3
4
5
6
A
S104
VOL-
VOL+
S105
S106
INPUT SEL
S107
HOME
MENU
WEGAGATE
S103
CH+
S102
CH-
S101
POWER
1-872-981-11
(172841011)
A-1220-
318-A
SONY

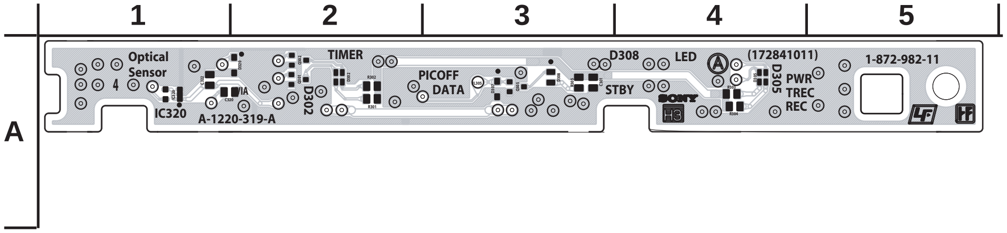
H1 [USER CONTROL]
CONDUCTOR SIDE


1
2
3
4
5
6
A
CN102
CN101
D101
C101
C102
SONY
EP GW GN
1-872-981-11
(172841011)

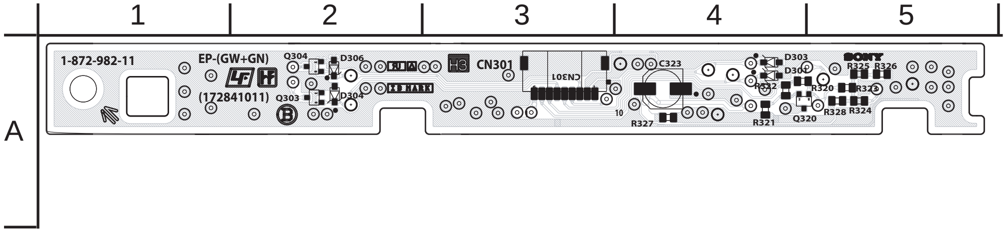
H3 BOARD SCHEMATIC DIAGRAM


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
R301
1k
1/10W
RN-CP
5%
R302
1k
1/10W
RN-CP
5%
G
R
D302
CL-165HR/SYG-D-T
3
1
4
2
Q301
RT1N141M-TP-1
Q302
RT1N141M-TP-1
R303
1k
1/10W
RN-CP
5%
R304
1k
1/10W
RN-CP
5%
G
R
D305
CL-165HR/SYG-D-T
3
1
4
2
Q303
RT1N141M-TP-1
Q304
RT1N141M-TP-1
R305
2.2k
1/10W
RN-CP
5%
D308
SML-512UW
Q305
RT1N141M-TP-1
PICTURE OFF[RED&GREEN]
TIMER[RED]
POWER[GREEN]
STANDBY[RED]
LED
H3 OPTICAL SENSOR/LEDS
1 GND
2 STBY3.3V
3 REC/RESERVE
4 STBY_LED
5 ON_TIMER
6 PWR/RESERVE
7 PICTURE_OFF
8 BL_IN
9 VD3.3V
TO BU1
CN3008
CN301
9P
5
4
OUT
V STBY
VCC
GND
N.C.
1
2
3
IC320
TPS853(SONY)
R327
0
CHIP
C322
0.1
16V
B
1608
C323
47
6.3V
R321
33k
1/10W
RN-CP
Q320
2SA1602TP-1EF
R322
1k
1/10W
RN-CP
R323
10k
1/10W
RN-CP
C320
1
25V
2012
R325
0
CHIP
R326
150k
1/10W
RN-CP
R328
1.5k
1/10W
RN-CP
Optical Sensor
A-1220-319-A <WAX3>H3

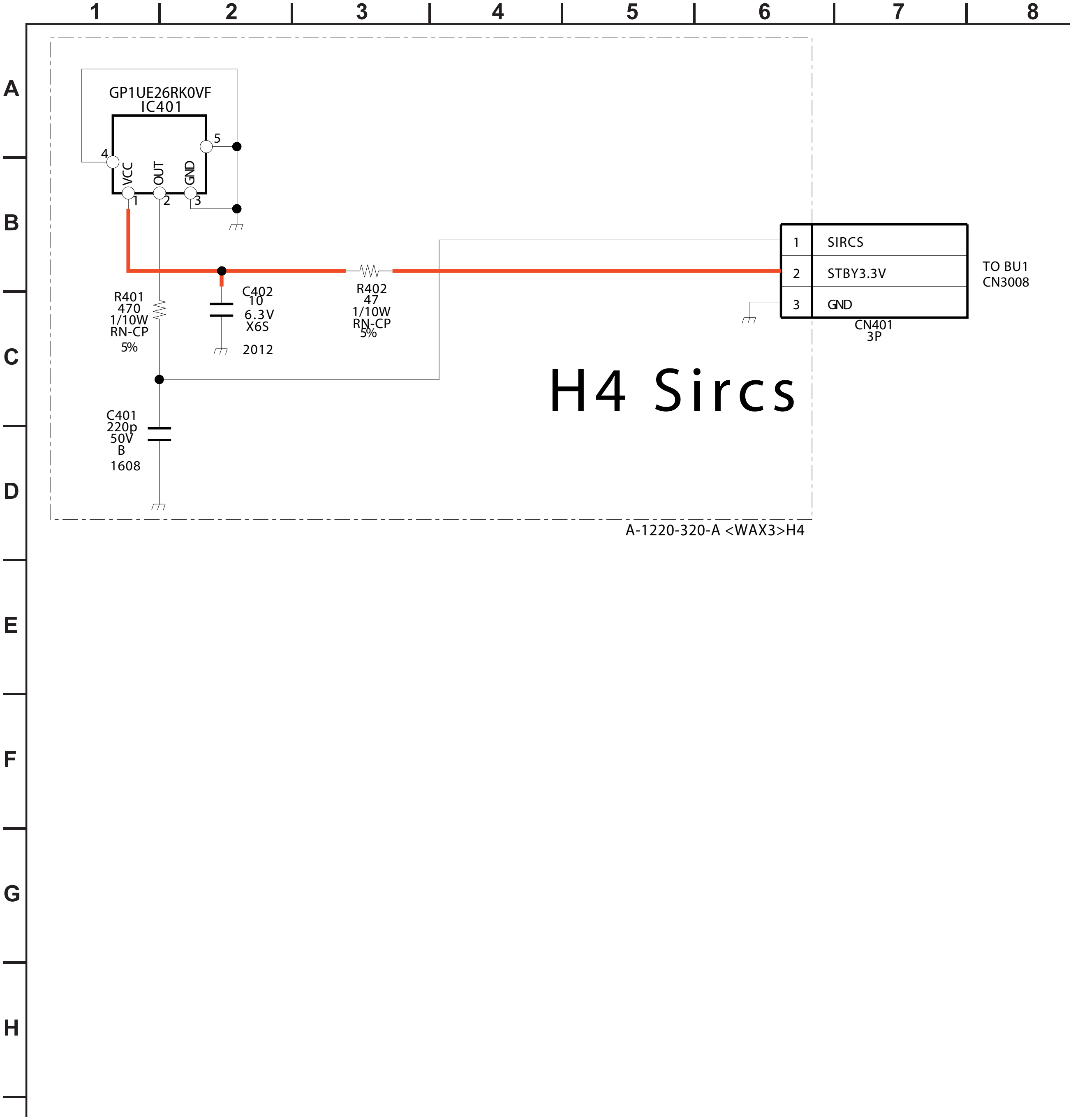
H3 [OPTICAL SENSOR, LED]
COMPONENT SIDE


1
2
3
4
5
A
Optical Sensor
IC320
A-1220-319-A
TIMER
D302
PICOFF
DATA
D308
LED
STBY
(172841011)
D305
PWR
TREC
REC
1-872-982-11
H3

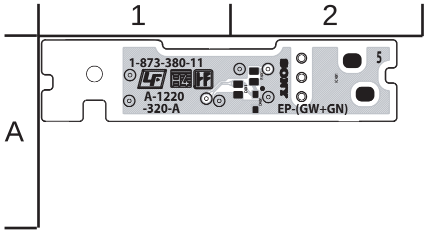
H3 [OPTICAL SENSOR, LED]
CONDUCTOR SIDE


1
2
3
4
5
A
1-872-982-11
EP-(GW+GN)
(172841011)
Q304
D306
Q303
D304
H3
CN301
C323
R327
10
D303
D301
R322
R320
R321
Q320
R325
R326
R323
R328
R324

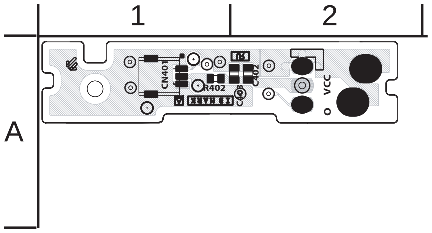
H4 BOARD SCHEMATIC DIAGRAM


1
2
3
4
5
6
7
8
A
B
C
D
E
F
G
H
GP1UE26RK0VF
IC401
VCC
OUT
GND
1
2
3
4
5
R401
470
1/10W
RN-CP
5%
C402
10
6.3V
X6S
2012
R402
47
1/10W
RN-CP
5%
C401
220p
50V
B
1608
1 SIRCS
2 STBY3.3V
3 GND
CN401
3P
TO BU1
CN3008
H4 Sircs
A-1220-320-A <WAX3>H4

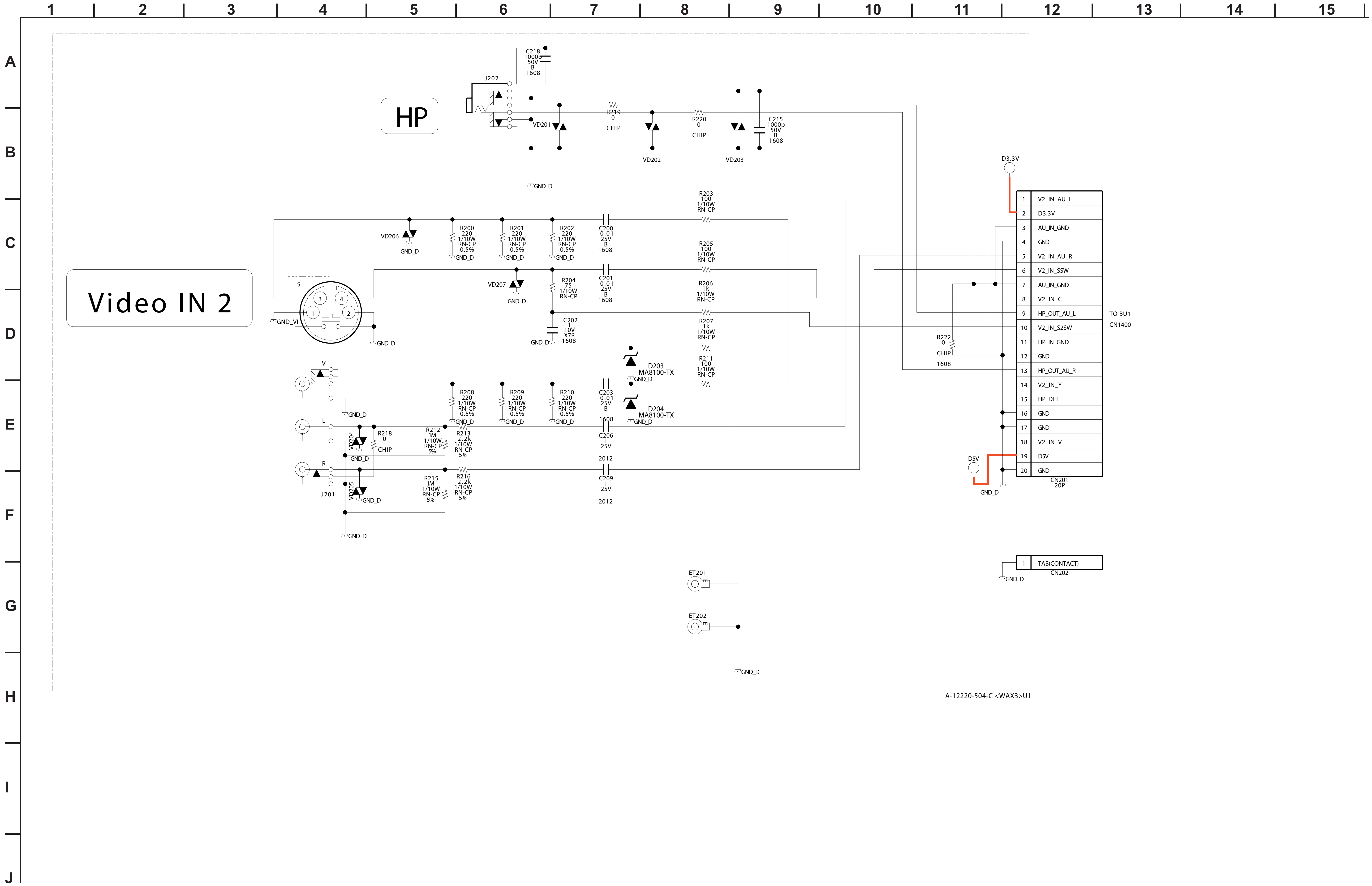
H4 [SIRCS]
COMPONENT SIDE


1
2
A
1-873-380-11
H4
A-1220
-320-A
EP-(GW+GN)
5

H4 [SIRCS]
CONDUCTOR SIDE


1
2
A
CN401
R402
C403
C402
VCC

U1 BOARD SCHEMATIC DIAGRAM


1
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7
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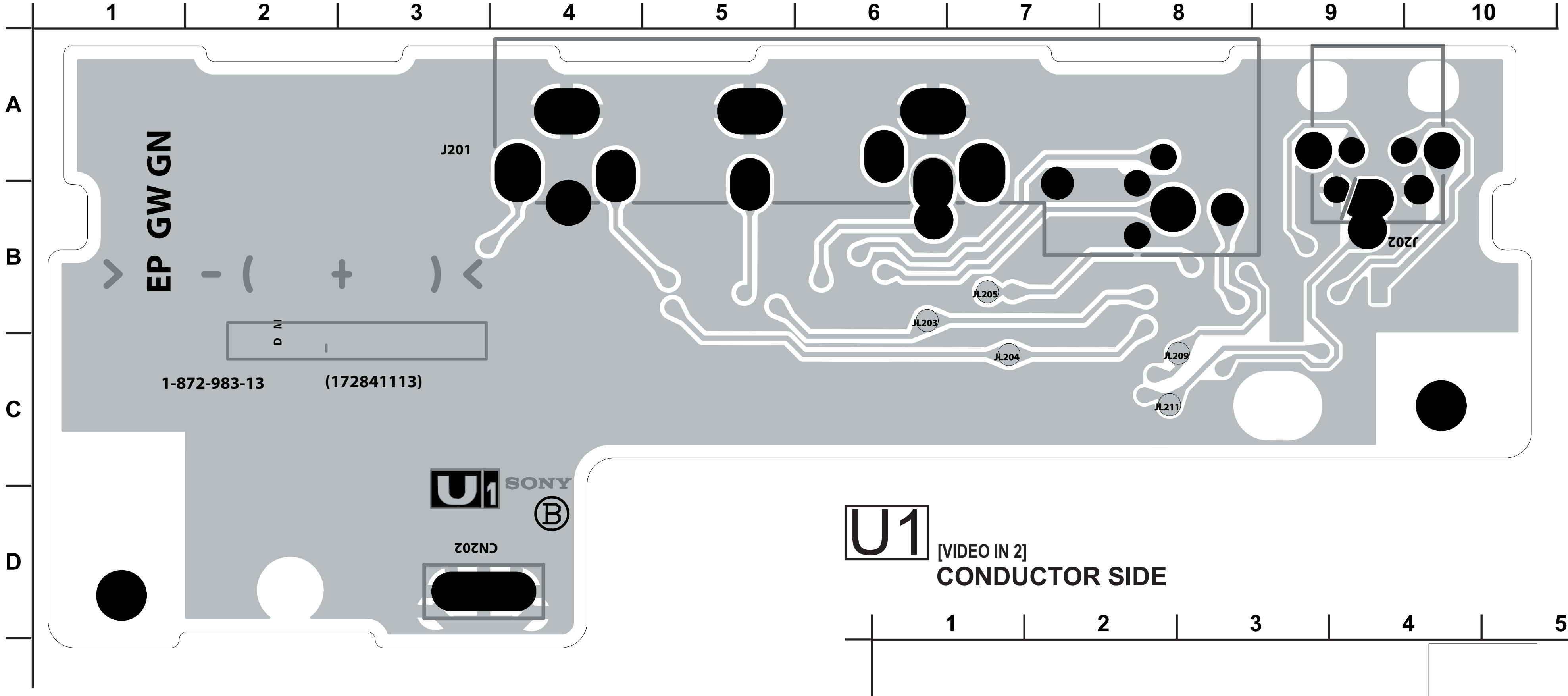
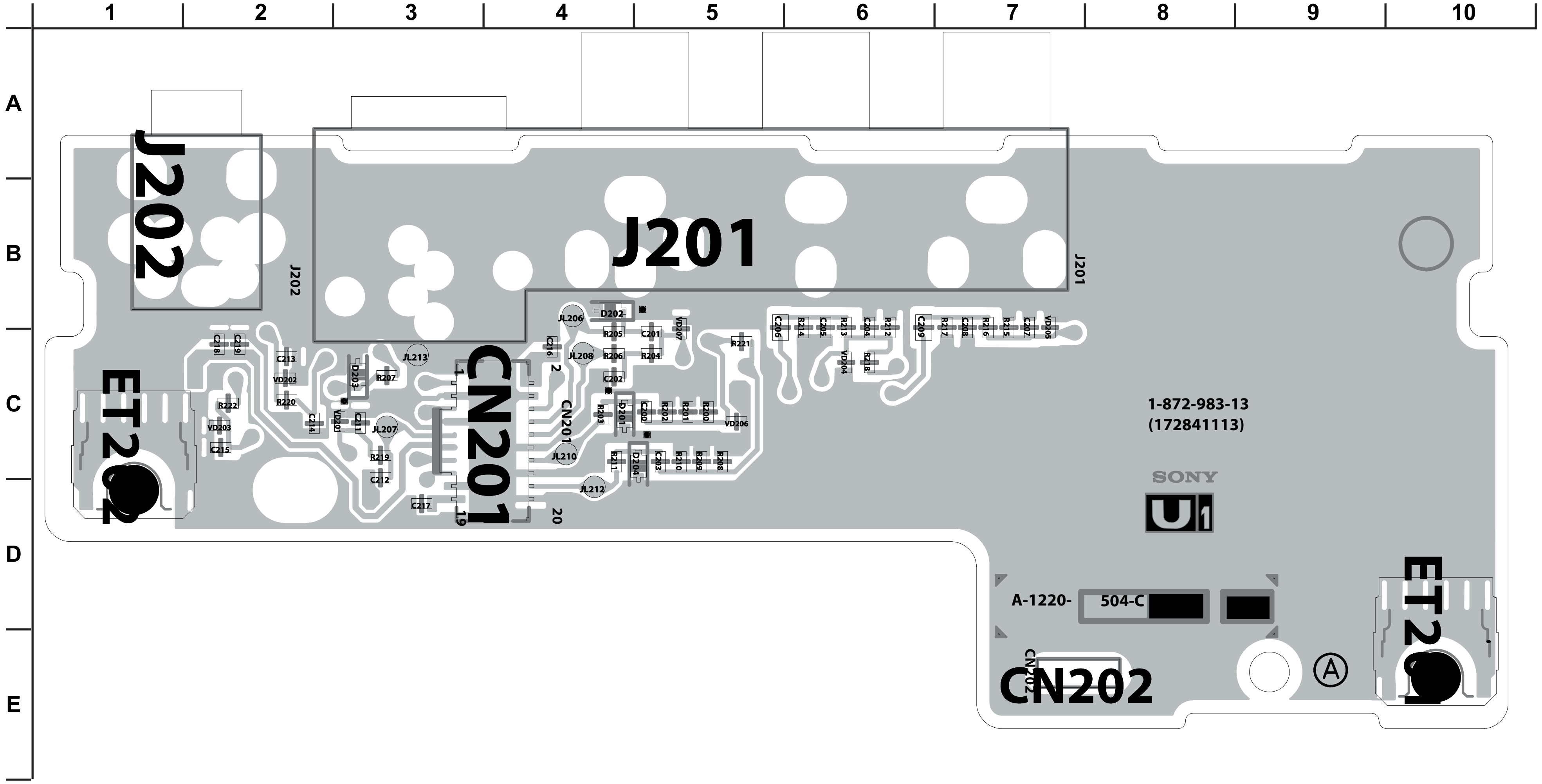
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
HP
Video IN 2
J202
C218 1000p 50V B 1608
VD201
R219 0 CHIP
R220 0 CHIP
C215 1000p 50V B 1608
VD202
VD203
GND_D
D3.3V
R203 100 1/10W RN-CP
VD206
R200 220 1/10W RN-CP 0.5%
R201 220 1/10W RN-CP 0.5%
R202 220 1/10W RN-CP 0.5%
C200 0.01 25V B 1608
R205 100 1/10W RN-CP
S
VD207
R204 75 1/10W RN-CP
C201 0.01 25V B 1608
R206 1k 1/10W RN-CP
GND_VI
C202 1 10V X7R 1608
R207 1k 1/10W RN-CP
R222 0 CHIP 1608
D203 MA8100-TX
R211 100 1/10W RN-CP
V
L
R
J201
R208 220 1/10W RN-CP 0.5%
R209 220 1/10W RN-CP 0.5%
R210 220 1/10W RN-CP 0.5%
C203 0.01 25V B 1608
D204 MA8100-TX
VD204
R218 0 CHIP
R212 1M 1/10W RN-CP 5%
R213 2.2k 1/10W RN-CP 5%
C206 1 25V 2012
VD205
R215 1M 1/10W RN-CP 5%
R216 2.2k 1/10W RN-CP 5%
C209 1 25V 2012
1 V2_IN_AU_L
2 D3.3V
3 AU_IN_GND
4 GND
5 V2_IN_AU_R
6 V2_IN_SSW
7 AU_IN_GND
8 V2_IN_C
9 HP_OUT_AU_L
10 V2_IN_S2SW
11 HP_IN_GND
12 GND
13 HP_OUT_AU_R
14 V2_IN_Y
15 HP_DET
16 GND
17 GND
18 V2_IN_V
19 D5V
20 GND
TO BU1 CN1400
CN201 20P
D5V
1 TAB(CONTACT)
CN202
ET201
ET202
A-12220-504-C <WAX3>U1

U1 [VIDEO IN 2] COMPONENT SIDE


1
2
3
4
5
6
7
8
9
10
A
B
C
D
J201
J202
EP GW GN
JL205
JL203
JL204
JL209
JL211
1-872-983-13
(172841113)
U1
SONY
B
CN202

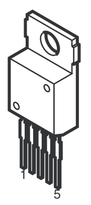
U1 [VIDEO IN 2] CONDUCTOR SIDE


1
2
3
4
5
6
7
8
9
10
A
B
C
D
E
J202
J201
CN201
ET202
ET201
CN202
JL206
D202
R205
C201
VD207
R221
C206
R214
C205
R213
C204
R212
C209
R217
C208
R216
R215
C207
VD208
VD204
R218
C218
C219
C213
VD202
R222
VD203
C215
R220
C214
D203
R207
VD201
C211
JL213
JL207
R219
C212
C217
C216
JL208
R206
R204
C202
R203
D201
C200
R202
R201
R200
VD206
JL210
R211
D204
C203
R210
R209
R208
JL212
1
2
19
20
1-872-983-13
(172841113)
SONY
U1
A-1220-504-C
A

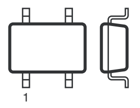
3-5. SEMICONDUCTORS

IC

BA00AST-V5

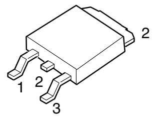


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

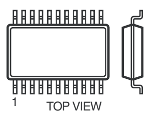


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

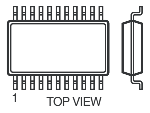


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



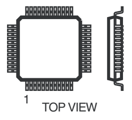
8Pin SOP

CD4052BNSR
FMS6418AM16X



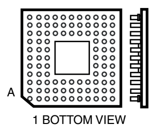
16Pin SOP

CXA2188Q-T4



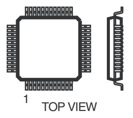
40Pin QFP

EM6A9320BI-5MG


A
1 BOTTOM VIEW

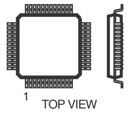
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



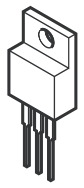
48Pin QFP

HD64F2378-12681-01

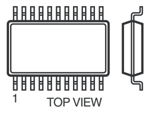


144Pin QFP

L88M05T-FA-TL

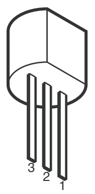


M52347FP-TE

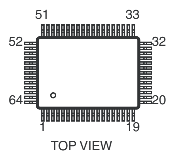


20Pin SOP

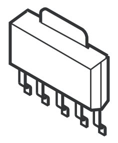
MM1431ATT



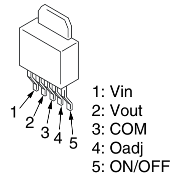
NJW1149AFH1


51
33
52
32
64
20
1
19
TOP VIEW

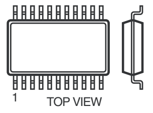
PQ1CY1032ZP



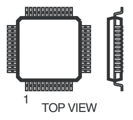
PQ1CZ41H2ZPH


1
2
3
4
5
1: Vin
2: Vout
3: COM
4: Oadj
5: ON/OFF

RV5C387A-E2-FB

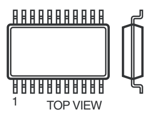


SII9993CTG100



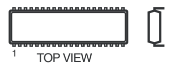
100Pin QFP

SN74LV132APWR
SN74LVC14APWR



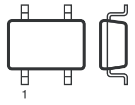
14Pin SOP

STR-A6169



8Pin DIP

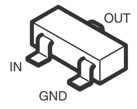
TK11819MTL



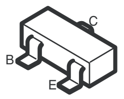
6Pin CHIP

TRANSISTOR

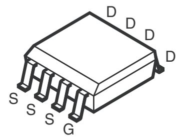
DTC114EU
DTC114EUAFT106



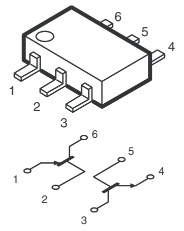
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



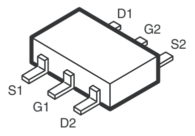
FDS6690A



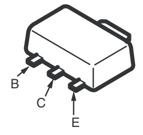
HN1B01FU-TE85R


6
5
4
1
2
3
6
5
1
4
2
3

SSM6N15FU(TE85R)


D1
G2
S2
S1
G1
D2

2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



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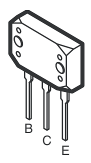

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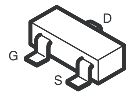

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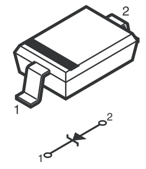
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



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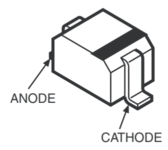
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B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CATHODE

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D10SBS4F
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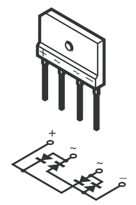
D4SB60L



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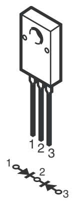

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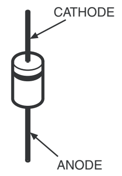
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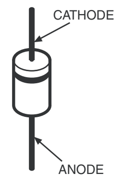
1N5404TU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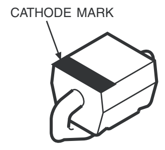
EC10QS04-TE12L5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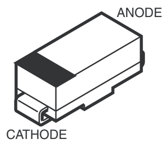
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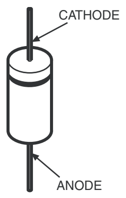
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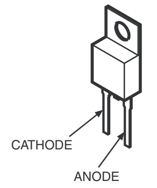
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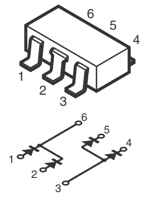
HN1D03FU-TE85R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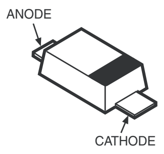
M1FM3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CATHODE

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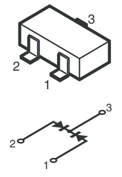
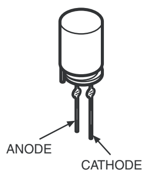
MA132WK-TX
MA151WK-TX
1SS184



UDZSTE-1710B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CATHODE

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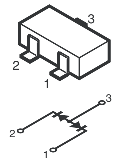

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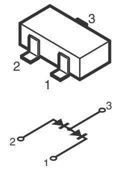

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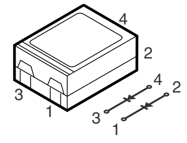

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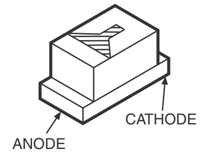

ANODE
CATHODE

SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

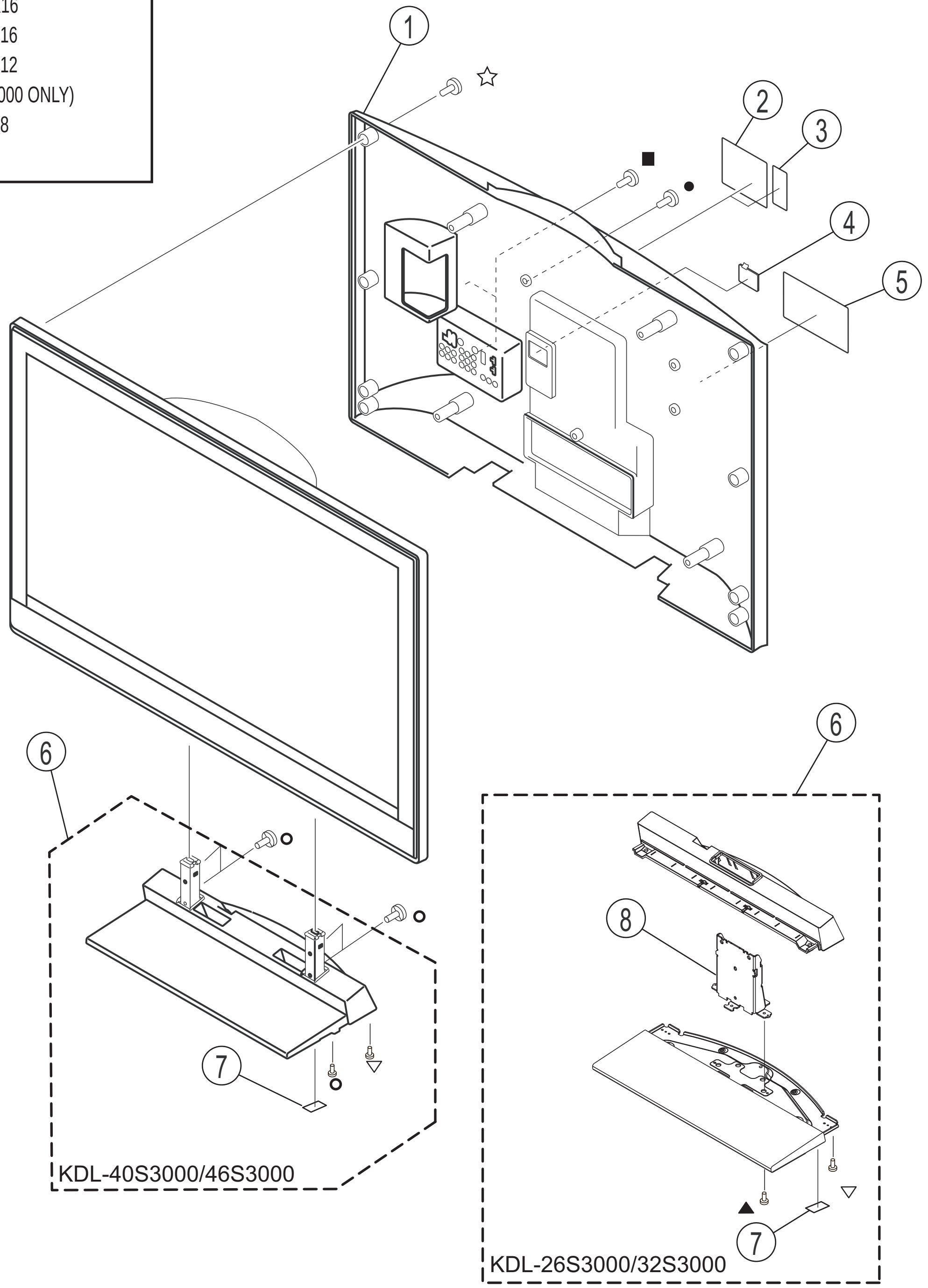
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-1. REAR COVER AND STAND ASSEMBLY

(Please review the Sony Electronics Service Information website for any additional service information.)

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 TT(B)
☆	2-580-640-01	SCREW, +BVTP2 4X16
●	2-580-608-01	SCREW, +PSW M5X16
○	2-580-607-01	SCREW, +PSW M5X12 (KDL-40S3000/46S3000 ONLY)
▲	2-580-606-01	SCREW, +PSW M5X8
▽	2-580-644-01	SCREW, +KTP2 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	3-100-157-01	COVER, REAR (26) (KDL-26S3000 ONLY)	
1	3-097-972-01	COVER, REAR (32) (KDL-32S3000 ONLY)	
1	X-2179-398-1	COVER ASSEMBLY, REAR (40) (KDL-40S3000 ONLY)	
1	3-098-013-01	COVER, REAR (46) (KDL-46S3000 ONLY)	
1	3-098-010-01	COVER, REAR (46) (KDL-46S3000 ONLY)	
2	3-215-160-01	LABEL, REAR TERMINAL	
3	3-217-797-01	LABEL, HDMI	
4	3-196-465-01	COVER, ECS	
* 5	3-215-346-01	LABEL, INFORMATION (KDL-26S3000 ONLY)	
* 5	3-215-345-01	LABEL, INFORMATION (KDL-32S3000 ONLY)	
* 5	3-197-045-01	LABEL, INFORMATION (KDL-40S3000 ONLY)	
* 5	3-215-344-11	LABEL, INFORMATION (KDL-46S3000 ONLY)	
* 5	3-215-344-01	LABEL, INFORMATION (KDL-46S3000 ONLY)	
6	A-1259-944-A	STAND (M_WS) ASSEMBLY (KDL-26S3000/32S3000 ONLY)	[7-8]
6	A-1253-777-A	STAND (ML_WS) ASSEMBLY (KDL-40S3000 ONLY)	[7]
6	A-1253-776-A	STAND (L_WS) ASSEMBLY (KDL-46S3000 ONLY)	[7]
7	3-213-762-01	FOOT (15X30)	
8	3-106-486-01	NECK (M) (KDL-26S3000/32S3000 ONLY)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

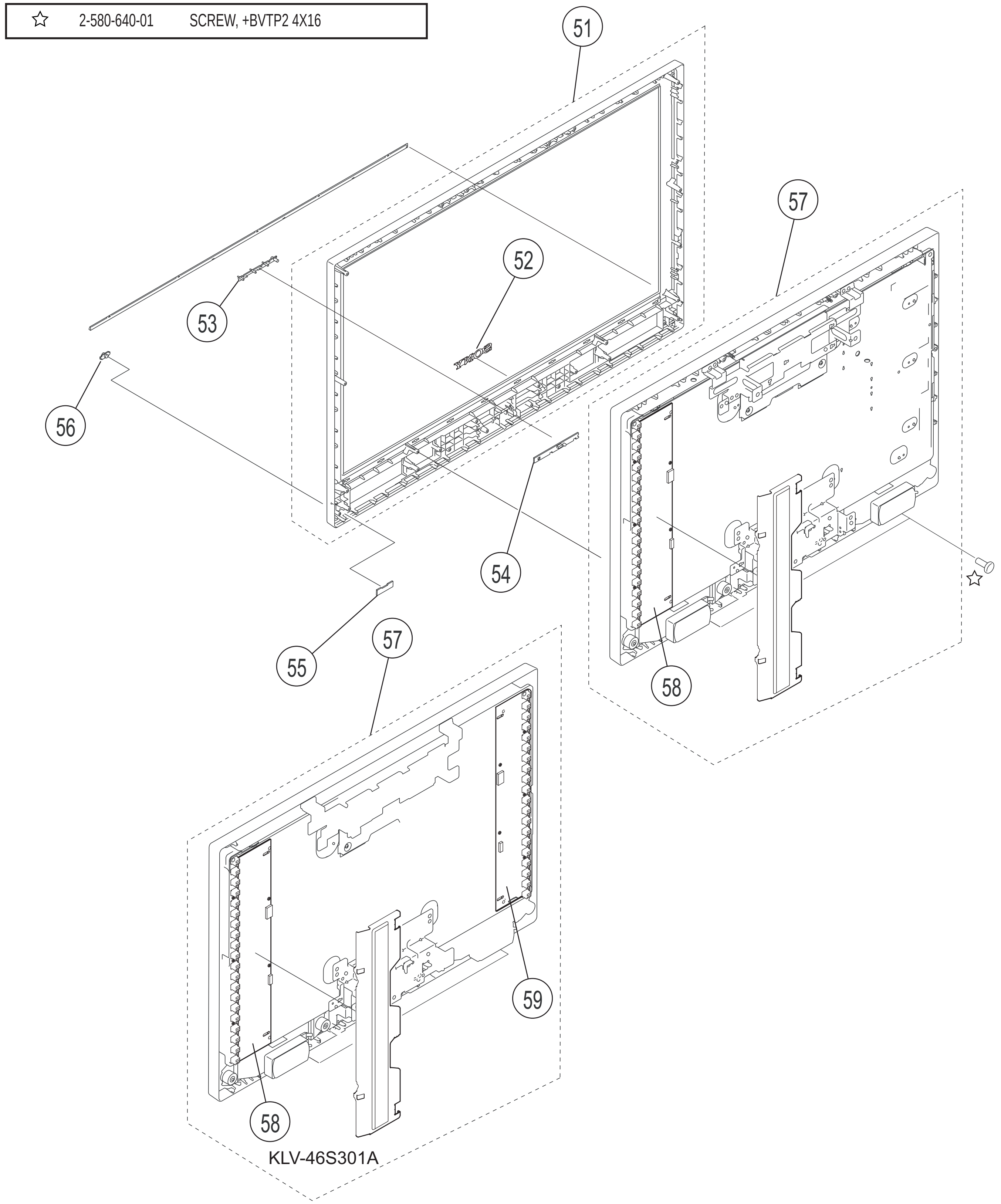
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-2. BEZEL ASSEMBLY AND LCD PANEL

(Please review the Sony Electronics Service Information website for any additional service information.)

☆ 2-580-640-01 SCREW, +BVTP2 4X16



KLV-46S301A

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2178-399-1	BEZEL (26SU) ASSEMBLY (KDL-26S3000 ONLY)	[52]
☛ 51	X-2187-892-1	GREEN BEZEL ASSEMBLY (26SU-G) (KDL-26S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-893-1	LT BLUE BEZEL ASSEMBLY (26SU-LI) (KDL-26S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-890-1	PINK BEZEL ASSEMBLY (26SU-P) (KDL-26S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-895-1	RED BEZEL ASSEMBLY (26SU-R) (KDL-26S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-889-1	WHITE BEZEL ASSEMBLY (26SU-W) (KDL-26S3000 ONLY)	[52-53, 56]
51	X-2176-650-1	BEZEL (32SU) ASSEMBLY (KDL-32S3000 ONLY)	[52]
☛ 51	X-2187-899-1	GREEN BEZEL ASSY (32SU-G) (KDL-32S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-900-1	LIGHT BLUE BEZEL ASSY (32SU-LI) (KDL-32S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-897-1	PINK BEZEL ASSY (32SU-P) (KDL-32S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-902-1	RED BEZEL ASSY (32SU-R) (KDL-32S3000 ONLY)	[52-53, 56]
☛ 51	X-2187-896-1	WHITE BEZEL ASSY (32SU-W) (KDL-32S3000 ONLY)	[52-53, 56]
51	X-2176-651-1	BEZEL (40SU) ASSEMBLY (KDL-40S3000 ONLY)	
51	X-2176-652-1	BEZEL (46SU) ASSEMBLY (KDL-46S3000 ONLY)	
52	4-103-642-21	EMBLEM, SONY NO.8 (KDL-26S3000/32S3000 ONLY)	
53	3-096-948-01	GUIDE , LED (S)	
54	A-1220-319-A	H3 BOARD, MOUNTED	
55	A-1220-320-A	H4 BOARD, MOUNTED	
56	3-094-434-11	GUIDE, LIGHT (S) S (KDL-26S3000 ONLY)	
56	3-097-341-11	GUIDE, LIGHT (S) L (KDL-32S3000/40S3000/46S3000 ONLY)	
57	1-802-368-12	LCD PANEL (26INCH WXGA TFT) (KDL-26S3000 ONLY)	[58]
57	1-802-380-12	LCD PANEL (32INCH WXGA TFT) (KDL-32S3000 ONLY)	[58]
57	1-802-410-11	LCD PANEL (40INCH WXGA TFT) (KDL-40S3000 ONLY)	[58]
57	1-802-409-21	LCD PANEL (46INCH WXGA TFT) (KDL-46S3000 ONLY)	[58-59]
58	1-789-780-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (KDL-26S3000 ONLY)	
☛ 58	1-789-785-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (KDL-32S3000 ONLY)	
58	1-789-771-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (KDL-40S3000 ONLY)	
		(When replacing the Inverter board for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)	
58	1-789-787-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (LT) (KDL-46S3000 ONLY)	
		(When replacing the Inverter board for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)	
59	1-789-788-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (RT) (KDL-46S3000 ONLY)	
		(When replacing the Inverter board for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

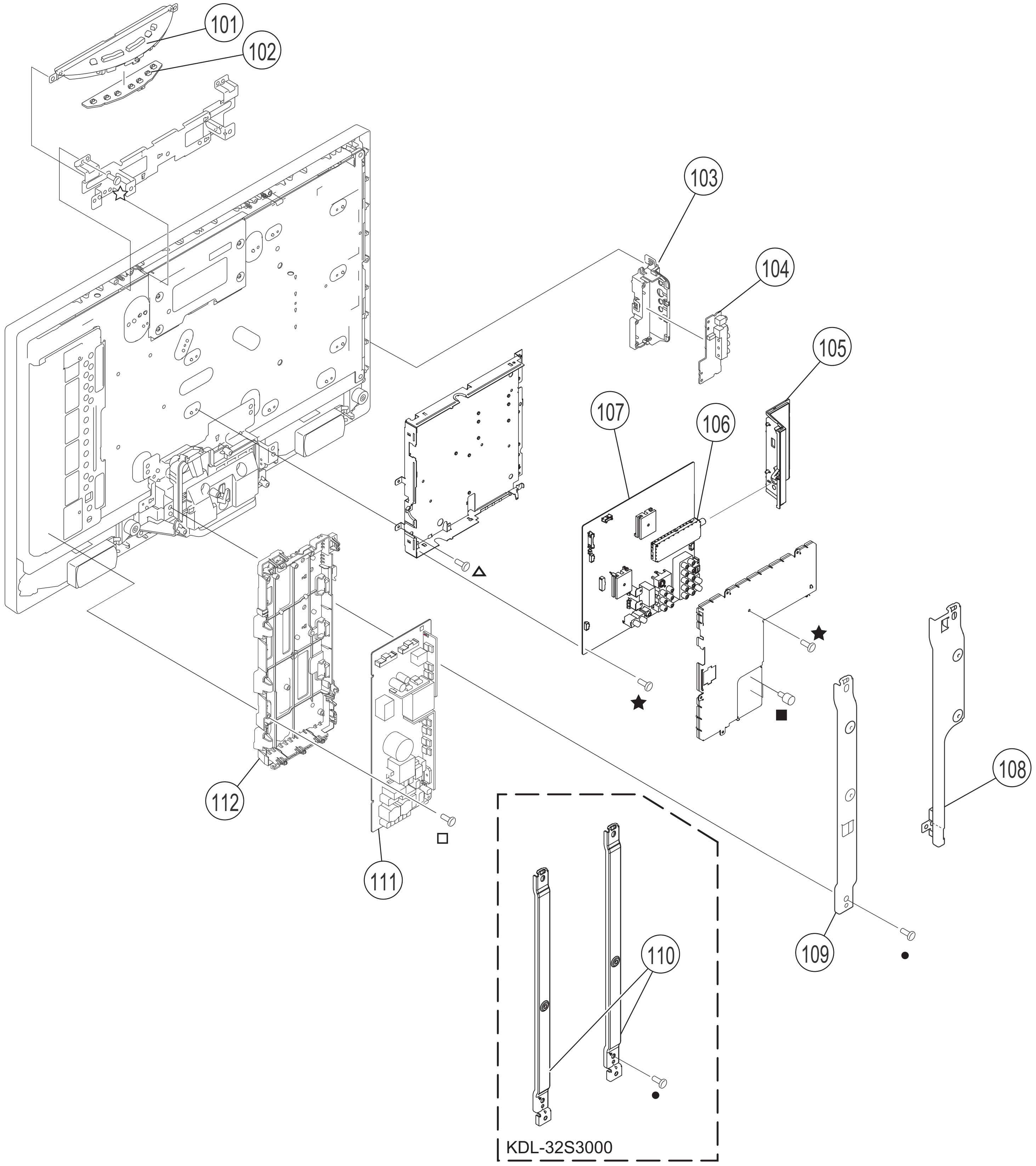
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-3. CHASSIS (KDL-26S3000/32S3000 ONLY)

(Please review the Sony Electronics Service Information website for any additional service information.)

☆	2-580-640-01	SCREW, +BVTP2 4X16 (KDL-40S3000/46S3000 ONLY)
★	2-580-629-01	SCREW, +BVST 3X8
△	2-580-591-01	SCREW, +PSW M3X5
●	2-580-608-01	SCREW, +PSW M5X16
□	2-674-965-31	SCREW, +PSW 3SG (KDL-26S3000/32S3000 ONLY)
■	4-635-966-01	SCREW (HEX)



	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
	101	X-2176-664-1	BUTTON, MULTI ASSEMBLY (KDL-26S3000/32S3000 ONLY)	
	102	A-1220-318-A	H1 BOARD, MOUNTED (KDL-26S3000/32S3000 ONLY)	
	103	3-098-453-02	SIDE, TERMINAL(AU) (KDL-26S3000/32S3000 ONLY)	
	104	A-1220-504-C	U1 BOARD, MOUNTED (KDL-26S3000/32S3000 ONLY)	
	105	3-094-417-02	HOLDER, SIDE JACK(S) (KDL-26S3000 ONLY)	
	105	3-106-473-01	HOLDER, SIDE JACK(M) (KDL-32S3000 ONLY)	
	106	8-597-611-00	TUNER, FSS BTF-CA411Z	
🔒	107	A-1268-869-A	BU1 BOARD, MOUNTED (SVC) (KDL-26S3000 ONLY)	
🔒	107	A-1257-244-A	BU1 BOARD, MOUNTED (SVC) (KDL-32S3000 ONLY)	
*	108	X-2177-262-1	VESA ARM (26) L ASSEMBLY (KDL-26S3000 ONLY)	
*	109	X-2177-263-1	VESA ARM (26) R ASSEMBLY (KDL-26S3000 ONLY)	
	110	X-2177-549-1	VESA ARM(32) ASSEMBLY (KDL-32S3000 ONLY)	
	111	1-474-056-11	G1D BOARD, MOUNTED (POWER UNIT) (KDL-26S3000 ONLY) This board is manufactured by a 3rd party. Component level repair information is not available.	
	111	1-474-052-11	G1H BOARD, MOUNTED (POWER UNIT) (KDL-32S3000 ONLY) This board is manufactured by a 3rd party. Component level repair information is not available.	
*	112	3-106-471-01	BRACKET, G1 (KDL-26S3000/32S3000 ONLY)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

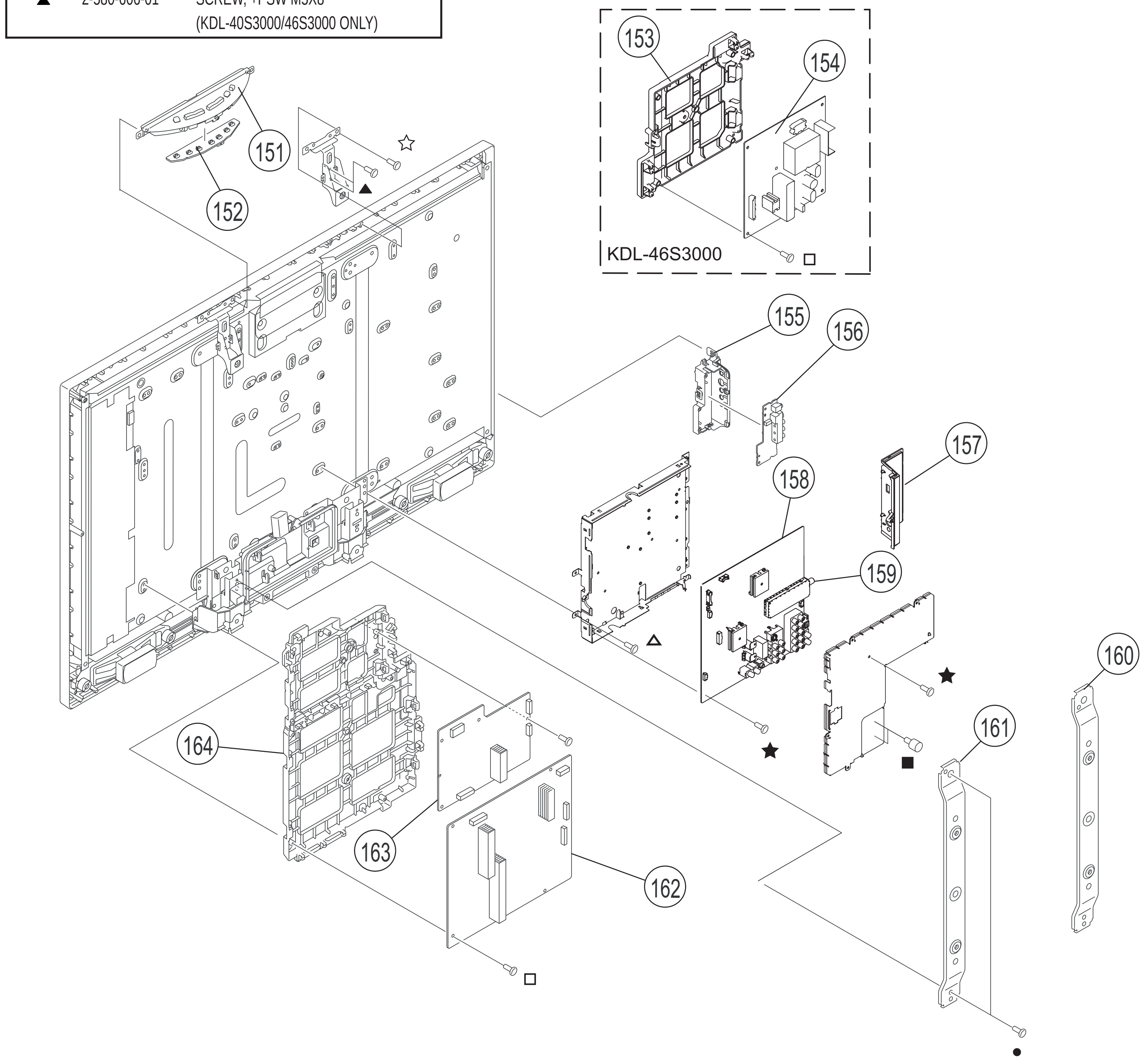
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-4. CHASSIS (KDL-40S3000/46S3000 ONLY)

(Please review the Sony Electronics Service Information website for any additional service information.)

☆	2-580-640-01	SCREW, +BVTP2 4X16 (KDL-40S3000/46S3000 ONLY)
★	2-580-629-01	SCREW, +BVST 3X8 (KDL-40S3000/46S3000 ONLY)
△	2-580-591-01	SCREW, +PSW M3X5 (KDL-40S3000/46S3000 ONLY)
▲	2-580-606-01	SCREW, +PSW M5X8 (KDL-40S3000/46S3000 ONLY)
☐	2-674-965-41	SCREW, +PSW 3SG (KDL-40S3000/46S3000 ONLY)
●	2-580-608-01	SCREW, +PSW M5X16 (KDL-40S3000/46S3000 ONLY)
▽	4-635-966-01	SCREW (HEX) (KDL-40S3000/46S3000 ONLY)



	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
	151	X-2176-664-1	BUTTON, MULTI ASSEMBLY (KDL-40S3000/46S3000 ONLY)	
	152	A-1220-318-A	H1 BOARD, MOUNTED (KDL-40S3000/46S3000 ONLY)	
	153	3-094-416-01	BRACKET, D2 (KDL-46S3000 ONLY)	
	154	A-1247-497-A	D2 BOARD, COMPLETE (KDL-46S3000 ONLY)	
	(When replacing the D2 Board for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)			
	155	3-098-453-02	SIDE, TERMINAL(AU) (KDL-40S3000/46S3000 ONLY)	
	156	A-1220-504-C	U1 BOARD, MOUNTED (KDL-40S3000/46S3000 ONLY)	
	157	3-106-473-01	HOLDER, SIDE JACK(M) (KDL-40S3000 ONLY)	
	157	3-106-474-01	HOLDER, SIDE JACK(L) (KDL-46S3000 ONLY)	
🔒	158	A-1257-243-A	BU1 BOARD, MOUNTED (SVC) (KDL-40S3000 ONLY)	
🔒	158	A-1257-242-A	BU1 BOARD, MOUNTED (SVC) (KDL-46S3000 ONLY)	
	159	8-597-611-00	TUNER, FSS BTF-CA411Z (KDL-40S3000/46S3000 ONLY)	
*	160	X-2177-259-1	VESA ARM(40)L ASSEMBLY (KDL-40S3000 ONLY)	
*	160	X-2177-275-1	VESA ARM(46)L ASSEMBLY (KDL-46S3000 ONLY)	
*	161	X-2177-260-1	VESA ARM(40)R ASSEMBLY (KDL-40S3000 ONLY)	
*	161	X-2177-276-1	VESA ARM(46)R ASSEMBLY (KDL-46S3000 ONLY)	
	162	A-1308-804-A	G3 BOARD, COMPLETE (KDL-40S3000/46S3000 ONLY)	
	163	A-1236-528-A	D1 BOARD, COMPLETE (KDL-40S3000 ONLY)	
	(When replacing the D1 Board for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)			
	163	A-1236-531-A	D1 BOARD, COMPLETE (KDL-46S3000 ONLY)	
	(When replacing the D1 Board for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)			
	164	X-2178-425-1	BRACKET ASSEMBLY, G3 (KDL-40S3000/46S3000 ONLY)	

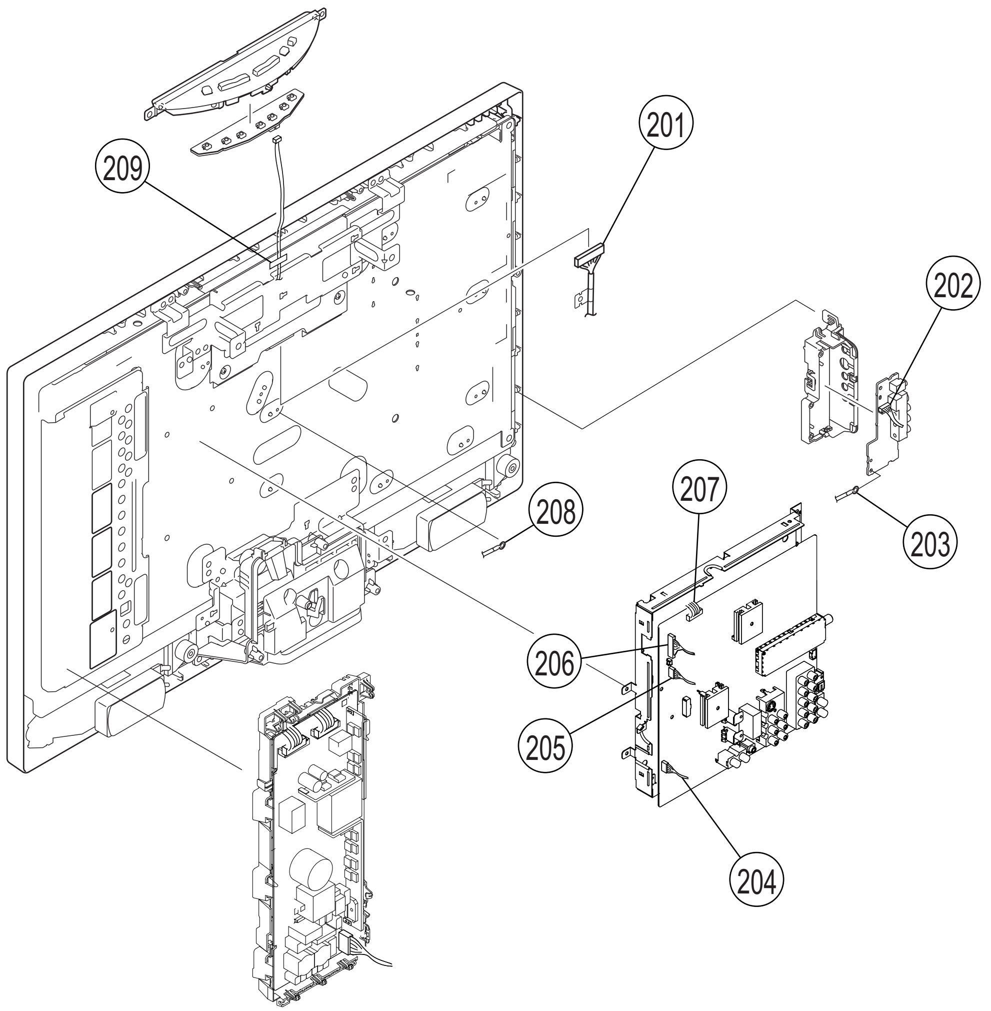
NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-5. CONNECTORS (KDL-26S3000/32S3000 ONLY)

(Please review the Sony Electronics Service Information website for any additional service information.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	1-834-155-11	HARNESS WITH CONNECTOR (LVDS) (KDL-26S3000 ONLY)	
201	1-834-157-11	HARNESS WITH CONNECTOR (LVDS) (KDL-32S3000 ONLY)	
202	1-910-037-09	CONN ASSEMBLY, 20P (KDL-26S3000 ONLY)	
202	1-910-035-48	CONN ASSEMBLY, 20P (KDL-32S3000 ONLY)	
203	1-910-035-53	WIRE ASSEMBLY, FASTON TERMINAL (KDL-26S3000/32S3000 ONLY)	
204	1-910-037-12	CONNECTOR ASSEMBLY, 4P SPEAKER (KDL-26S3000 ONLY)	
204	1-910-035-51	CONNECTOR ASSEMBLY, 4P SP (KDL-32S3000 ONLY)	
205	1-910-037-13	CONNECTOR ASSEMBLY, 20P (KDL-26S3000 ONLY)	
205	1-910-035-52	CONNECTOR ASSEMBLY, 20P (KDL-32S3000 ONLY)	
206	1-910-037-11	CONNECTOR ASSEMBLY, 13P (KDL-26S3000 ONLY)	
206	1-910-035-50	CONNECTOR ASSEMBLY, 13P (KDL-32S3000 ONLY)	
207	1-910-037-10	CONNECTOR ASSEMBLY, 14P (KDL-26S3000 ONLY)	
207	1-910-035-49	CONNECTOR ASSEMBLY, 14P (KDL-32S3000 ONLY)	
208	1-910-035-47	WIRE ASSEMBLY, FASTON TERMINAL (KDL-32S3000 ONLY)	
209	2-893-754-01	TAPE (LCD) (KDL-26S3000 ONLY)	
209	2-688-062-01	TAPE (LCD) (KDL-32S3000 ONLY)	

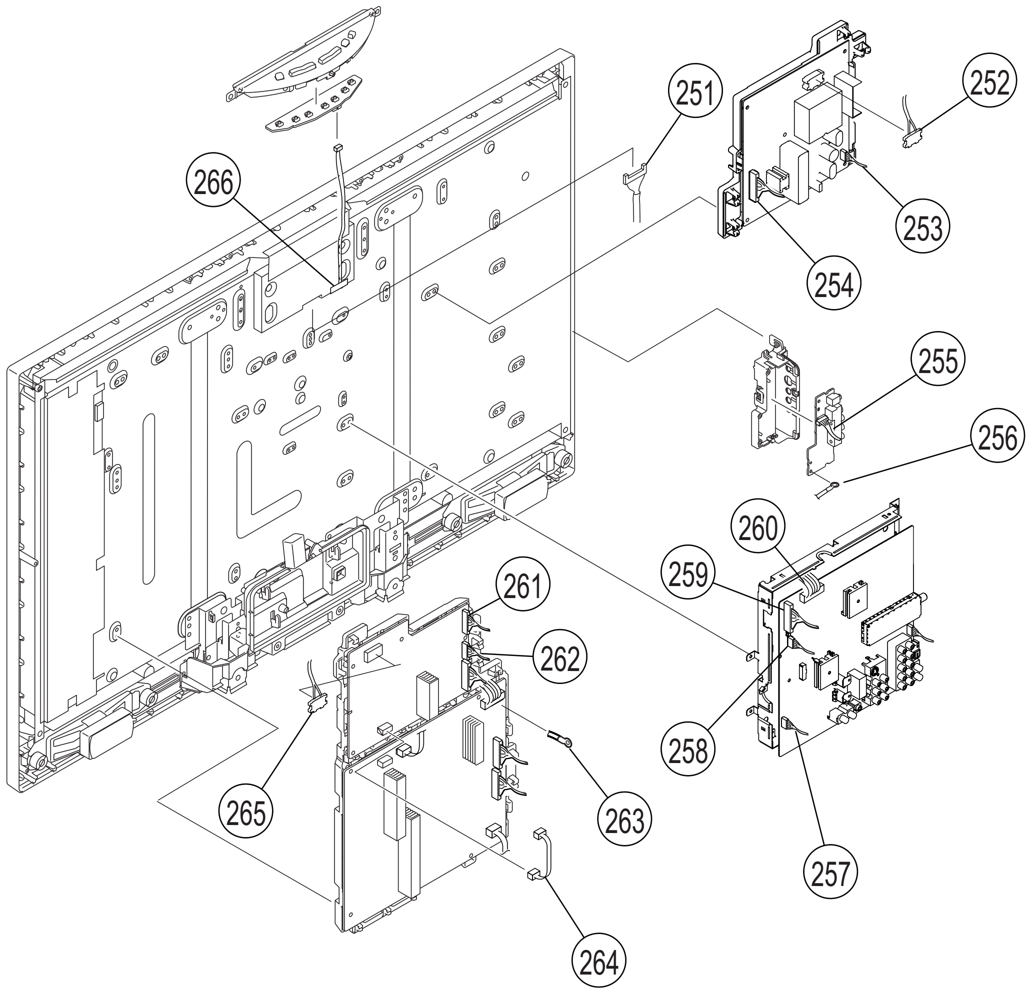
NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-6. CONNECTORS (KDL-40S3000/46S3000 ONLY)

(Please review the Sony Electronics Service Information website for any additional service information.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
251	1-834-158-11	HARNESS WITH CONNECTOR (LVDS) (KDL-40S3000 ONLY)	
251	1-834-159-11	HARNESS WITH CONNECTOR (LVDS) (KDL-46S3000 ONLY)	
* 252	1-833-929-12	CONNECTOR ASSEMBLY (KDL-46S3000 ONLY)	
		(When replacing the Connector Assembly for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)	
253	1-833-958-11	CONNECTOR ASSEMBLY (KDL-46S3000 ONLY)	
254	1-910-035-38	CONNECTOR ASSEMBLY, 13P XA (KDL-46S3000 ONLY)	
255	1-910-035-54	CONNECTOR ASSEMBLY, 20P (KDL-40S3000 ONLY)	
255	1-910-035-32	CONNECTOR ASSEMBLY, 20P (KDL-46S3000 ONLY)	
256	1-910-036-31	WIRE ASSEMBLY, FASTON TERMINAL (KDL-40S3000 ONLY)	
256	1-910-036-30	WIRE ASSEMBLY, FASTON TERMINAL (KDL-46S3000 ONLY)	
257	1-910-035-55	CONNECTOR ASSEMBLY, 4P SP (KDL-40S3000 ONLY)	
257	1-910-035-33	CONNECTOR ASSEMBLY, 4P SP (KDL-46S3000 ONLY)	
258	1-910-035-62	CONNECTOR ASSEMBLY, 20P (KDL-40S3000 ONLY)	
258	1-910-035-44	CONNECTOR ASSEMBLY, 20P (KDL-46S3000 ONLY)	
259	1-910-035-56	CONNECTOR ASSEMBLY, 12P (KDL-40S3000 ONLY)	
259	1-910-035-34	CONNECTOR ASSEMBLY, 12P (KDL-46S3000 ONLY)	
260	1-910-035-57	CONNECTOR ASSEMBLY, 11P (KDL-40S3000 ONLY)	
260	1-910-035-35	CONNECTOR ASSEMBLY, 11P (KDL-46S3000 ONLY)	
261	1-910-035-58	CONNECTOR ASSEMBLY, 8P XA (KDL-40S3000/46S3000 ONLY)	
262	1-910-035-59	CONNECTOR ASSEMBLY, 7P XA (KDL-40S3000 ONLY)	
262	1-910-035-40	CONNECTOR ASSEMBLY, 7P XA (KDL-46S3000 ONLY)	
263	1-910-035-46	WIRE ASSEMBLY, FASTON TERMINAL (KDL-46S3000 ONLY)	
264	1-833-957-11	CONNECTOR ASSEMBLY (KDL-40S3000/46S3000 ONLY)	
265	1-833-927-12	CONNECTOR ASSEMBLY (KDL-40S3000 ONLY)	
		(When replacing the Connector Assembly for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)	
265	1-833-928-12	CONNECTOR ASSEMBLY (KDL-46S3000 ONLY)	
		(When replacing the Connector Assembly for this model, refer to the instructions for “Replacing the Inverter Connector Assembly” in the Disassembly section of this manual.)	
266	2-893-754-01	TAPE (LCD) (KDL-40S3000/46S3000 ONLY)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

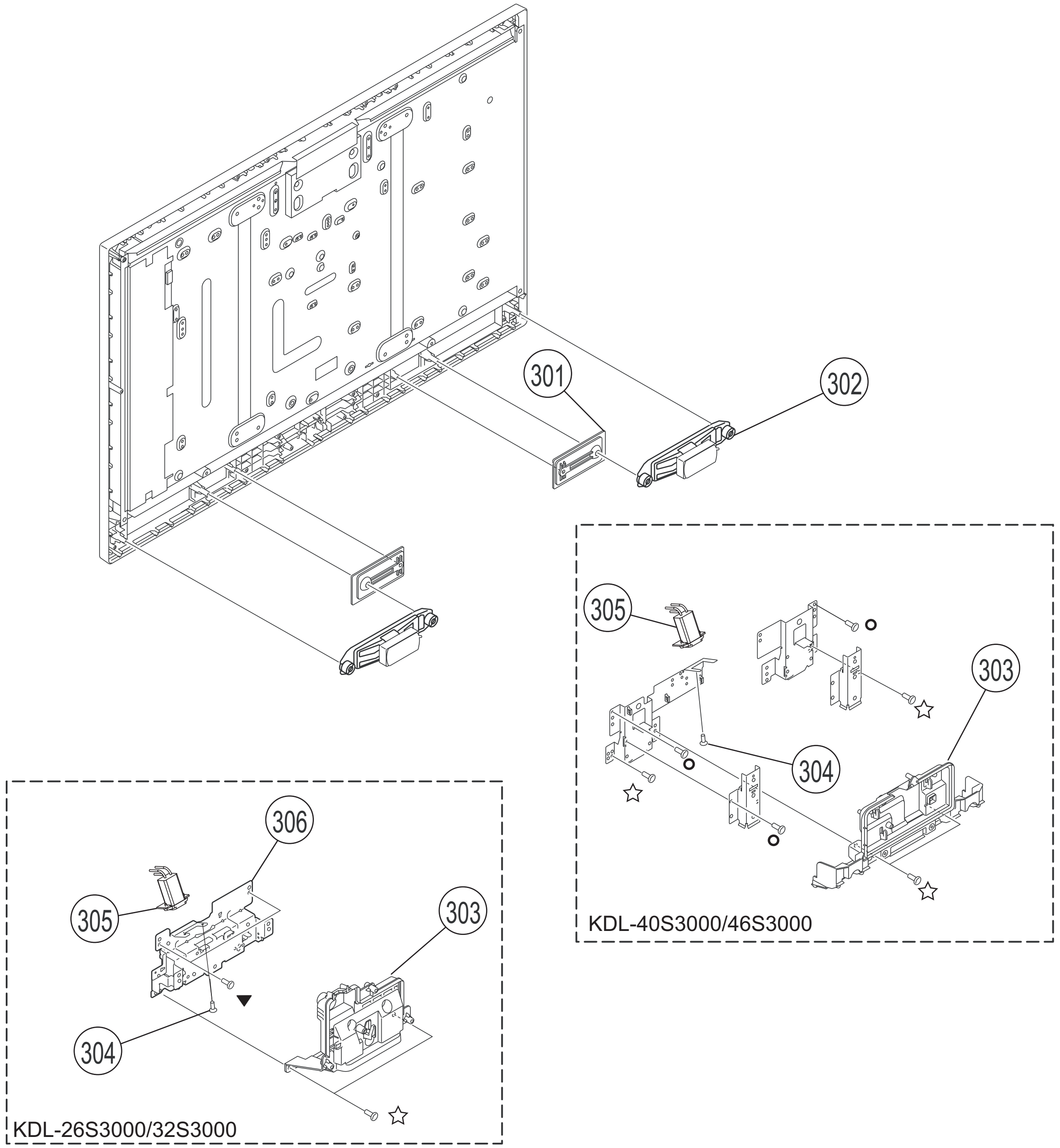
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-7. SPEAKERS

(Please review the Sony Electronics Service Information website for any additional service information.)

☆	2-580-640-01	SCREW, +BVTP2 4X16
▼	2-580-600-01	SCREW, +PSW M4X8
○	2-580-607-01	SCREW, +PSW M5X12 (KDL-40S3000/46S3000 ONLY)



	REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
	301	X-2176-950-1	BAFFLE (40J) ASSEMBLY (KDL-40S3000 ONLY)
	301	X-2176-951-1	BAFFLE (46J) ASSEMBLY (KDL-46S3000 ONLY)
	302	1-826-649-11	LOUD SPEAKER (4.2X15CM) (KDL-26S3000 ONLY)
	302	1-826-648-11	LOUD SPEAKER (4.2X15CM) (KDL-32S3000 ONLY)
	302	1-826-647-11	LOUD SPEAKER (5.5X15.5CM) (KDL-40S3000 ONLY)
	302	1-826-646-11	LOUD SPEAKER (13X7CM) (KDL-46S3000 ONLY)
	303	3-100-284-01	COVER, UNDER (M) (KDL-26S3000/32S3000 ONLY)
	303	X-2179-456-1	COVER ASSEMBLY, UNDER (L) (KDL-40S3000/46S3000 ONLY)
	304	2-596-649-01	+KTT 3X10 (S TYPE) (KDL-32S3000/40S3000/46S3000 ONLY)
⚠	305	1-821-380-11	INLET, AC (WITH NOISE FILTER) (KDL-26S3000 ONLY)
⚠	305	1-819-729-14	INLET, AC (WITH NOISE FILTER) (KDL-32S3000/40S3000/46S3000 ONLY)
*	306	X-2177-438-2	LCD BRACKET BOTTOM ASSEMBLY (26/32) (KDL-26S3000/32S3000 ONLY)

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

BU1

RESISTORS
- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

When ordering parts by reference number, please include the board name.

BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES		
🔒	A-1268-869-A	BU1 BOARD, MOUNTED (SVC) (KDL-26S3000 ONLY)			
🔒	A-1257-244-A	BU1 BOARD, MOUNTED (SVC) (KDL-32S3000 ONLY)			
🔒	A-1257-243-A	BU1 BOARD, MOUNTED (SVC) (KDL-40S3000 ONLY)			
🔒	A-1257-242-A	BU1 BOARD, MOUNTED (SVC) (KDL-46S3000 ONLY)			
	CONTACT TERMINAL				
A4500	4-098-157-01	HEAT SINK (DTT)			
A4501	1-694-974-21	CONTACT TERMINAL			
A4502	1-694-974-21	CONTACT TERMINAL			
A7300	4-098-157-01	HEAT SINK (DTT)			
A7301	1-694-974-21	CONTACT TERMINAL			
A7302	1-694-974-21	CONTACT TERMINAL			
	CAPACITOR				
C1000	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1001	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1002	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C1003	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1005	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1007	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1008	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1010	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1012	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1100	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1102	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1130	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1132	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1403	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1405	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1714	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1715	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1722	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1723	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1724	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1725	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2013	1-126-392-11	ELECT CHIP	100μF	20%	6.3V
C2014	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2016	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C2017	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2019	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2022	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2025	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C2027	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2029	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C2030	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C2033	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2039	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2041	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2042	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2045	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2051	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C2052	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2053	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2054	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2055	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2058	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2059	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2060	1-126-392-11	ELECT CHIP	100μF	20%	6.3V
C2061	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2062	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2063	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2064	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C2065	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C2067	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2068	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2069	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2070	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2073	1-114-330-11	CERAMIC CHIP	2.2µF	10%	16V
C2074	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2075	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2077	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2078	1-114-330-11	CERAMIC CHIP	2.2µF	10%	16V
C2081	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2084	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2085	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2086	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2090	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2091	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2092	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2094	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C2095	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2096	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C2097	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2101	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2102	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2103	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2104	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2105	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2106	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2111	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2112	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2113	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2114	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2115	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2116	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2117	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2118	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2119	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2120	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2121	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2123	1-112-797-11	ELECT CHIP	470µF	20%	25V
C2124	1-112-800-11	ELECT CHIP	100µF	20%	35V
C2125	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2126	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2127	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2128	1-112-800-11	ELECT CHIP	100µF	20%	35V
C2129	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2130	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2131	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2132	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2133	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2134	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2135	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2136	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2137	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2138	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2139	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2140	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2141	1-114-330-11	CERAMIC CHIP	2.2µF	10%	16V
C2142	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2143	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2145	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2146	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2149	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2150	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2156	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2157	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2158	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2159	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2160	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2161	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2162	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2163	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2164	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2165	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2168	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C2169	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C2170	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2171	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2177	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2178	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2179	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2180	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C2187	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2188	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2190	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2191	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2192	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C3005	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3006	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3007	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3010	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3011	1-117-681-11	ELECT CHIP	100µF	20%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3012	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3014	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3015	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3016	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3017	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V
C3022	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3024	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3029	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3033	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3036	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C3044	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C3046	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3048	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3049	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3051	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3052	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3053	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3057	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3060	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3061	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3062	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3063	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3066	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3070	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3071	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3072	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3074	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3076	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C3079	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3080	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3081	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3082	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3083	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3084	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3087	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3110	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3112	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3900	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4001	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4029	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C4030	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C4033	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4034	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C4035	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4041	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C4042	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C4043	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C4044	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C4045	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C4046	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4053	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C4059	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4500	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4505	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4506	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4507	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4513	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4514	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4515	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4516	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4517	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4518	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4519	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4520	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4521	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4524	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4525	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4527	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4528	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C4530	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4531	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4701	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4704	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4708	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4712	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C4713	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C4716	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4717	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4718	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4720	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4721	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4722	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4723	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4724	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4725	1-164-882-11	CERAMIC CHIP	220pF	5%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4726	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4730	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4731	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4732	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4734	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4736	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4739	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4740	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4741	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4746	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4750	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4752	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4757	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4758	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4759	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4760	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4762	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4765	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4769	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4773	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4774	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4778	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4779	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C4780	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4781	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4803	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C4805	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C4806	1-126-396-11	ELECT CHIP	47μF	20%	16V
C4808	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C4813	1-128-396-11	ELECT CHIP	470μF	20%	10V
C4814	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4902	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4903	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4904	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4906	1-126-392-11	ELECT CHIP	100μF	20%	6.3V
C4907	1-112-776-11	CERAMIC CHIP	0.0047μF	10%	50V
C4908	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4909	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4910	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4911	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4912	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4913	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4914	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4915	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4916	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4917	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4918	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4919	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5002	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5005	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5006	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5008	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C5009	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5505	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5509	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5510	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5511	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5512	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5513	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5514	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5517	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5518	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5519	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5520	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5521	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5522	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5523	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5524	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C5525	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5526	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5527	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5528	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5529	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5530	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C5531	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5533	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5620	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C7000	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7001	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7002	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7003	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7004	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7005	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7006	1-110-648-11	ELECT CHIP	220μF	20%	25V
C7007	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7008	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C7009	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7010	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C7011	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7012	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7013	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C7015	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7016	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7017	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7019	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7020	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7021	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7022	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7023	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7024	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7025	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V
C7026	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7027	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7028	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7029	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7030	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7031	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7032	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7033	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C7034	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7035	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7036	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7037	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V
C7038	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C7039	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C7040	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7041	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7042	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7043	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V
C7044	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C7045	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7046	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7047	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7048	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7049	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7050	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7051	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7052	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7053	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7054	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7055	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7056	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7057	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7058	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7059	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7060	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7061	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7062	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7063	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7064	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7065	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7066	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7067	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7068	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7073	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7074	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7075	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7076	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7077	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7078	1-165-875-11	CERAMIC CHIP	10μF	10%	10V
C7079	1-165-875-11	CERAMIC CHIP	10μF	10%	10V
C7080	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7081	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7086	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7087	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7088	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7089	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7090	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7092	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7093	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7096	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7097	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C7098	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7100	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7101	1-100-507-91	CERAMIC CHIP	4.7μF	20%	6.3V
C7102	1-100-507-91	CERAMIC CHIP	4.7μF	20%	6.3V
C7103	1-100-507-91	CERAMIC CHIP	4.7μF	20%	6.3V
C7111	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7146	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7147	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7148	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7150	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7200	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7201	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7202	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7203	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7204	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7205	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7206	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7207	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7208	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7209	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7210	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7211	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7212	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7213	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7215	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7216	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7217	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7218	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7219	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7220	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7221	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7223	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7224	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7225	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7226	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7227	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7228	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7229	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7230	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7231	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7232	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7233	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7234	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7235	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7236	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7237	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7238	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7239	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7240	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7241	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7242	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7243	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7244	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7245	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7246	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7248	1-100-159-91	CERAMIC CHIP	22μF	10%	6.3V
C7249	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7250	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7251	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7252	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7253	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7254	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7255	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7256	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7257	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7258	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7259	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7260	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7261	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7262	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7263	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7264	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7265	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7266	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7267	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7269	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7270	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7271	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7272	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7273	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7274	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7275	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7276	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7277	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7278	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7279	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7280	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7300	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7301	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7302	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7303	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7304	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7305	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7306	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7400	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7401	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7403	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7405	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7411	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7412	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7413	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7417	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7418	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7422	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7424	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7425	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7430	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7431	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7432	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7433	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7501	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7504	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7505	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7506	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7507	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7509	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7510	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7511	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7512	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C7513	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7514	1-165-875-11	CERAMIC CHIP	10μF	10%	10V
C7515	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7516	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7600	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7603	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7604	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7607	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7609	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7610	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7611	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7612	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7700	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7701	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7703	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7704	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7706	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7707	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7720	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7800	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7801	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7804	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7805	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7807	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7808	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7809	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7810	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7811	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7812	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7813	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7814	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7815	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7816	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7817	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7818	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7819	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7820	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7821	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7822	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7823	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7824	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7825	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7828	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7829	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7831	1-107-819-11	CERAMIC CHIP	0.022μF	10%	16V
C7832	1-137-765-21	ELECT CHIP	47μF	20%	16V
C7833	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C7834	1-126-396-11	ELECT CHIP	47μF	20%	16V
C7835	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7836	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7837	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7838	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7839	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7840	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7841	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7842	1-100-581-81	CERAMIC CHIP	0.0047μF	10%	50V
C7844	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7845	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7846	1-137-765-21	ELECT CHIP	47μF	20%	16V
C7847	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V
C7848	1-114-183-11	ELECT CHIP	1000μF	20%	6.3V
C7849	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7850	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

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BU1

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C7852	1-128-396-11	ELECT CHIP	470μF	20%	10V
	C7853	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
	C7854	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
	C7855	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V
	C7856	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
	C7857	1-100-159-91	CERAMIC CHIP	22μF	10%	6.3V
	C7858	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
	C7859	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
	C7861	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
	C7862	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
	C7863	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
	C7864	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
	C7867	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
	C7869	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
	C7870	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
	C7871	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
	C7878	1-128-396-11	ELECT CHIP	470μF	20%	10V
	C7879	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
	C7880	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
	C7950	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
	C7951	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
	C7952	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
	C7953	1-112-779-11	CERAMIC CHIP	0.047μF	10%	25V

CONNECTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES
*	CN1400	1-819-928-11	HEADER ASSENBLY	20P
*	CN2000	1-819-461-11	HEADER ASSEMBLY FOR PWB	
	CN3003	1-779-331-51	CONNECTOR, FFC/FPC	14P
	CN3004	1-779-936-51	CONNECTOR, FFC/FPC	18P
*	CN3008	1-819-928-11	HEADER ASSENBLY	20P
*	CN4001	1-820-550-11	HEADER ASSEMBLY FOR PWB	
*	CN4003	1-819-333-11	HEADER ASSEMBLY FOR PWB	
	CN7304	1-817-109-11	CONNECTOR, USB (A)	

DIODE

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	D1000	8-719-423-03	DIODE	MA8100
	D1001	8-719-423-03	DIODE	MA8100
	D1002	8-719-423-03	DIODE	MA8100
	D1003	8-719-423-03	DIODE	MA8100
	D1006	8-719-423-03	DIODE	MA8100
⚠	D2014	8-719-422-97	DIODE	MA8091-M
⚠	D2018	8-719-422-46	DIODE	MA8056
⚠	D2019	8-719-422-46	DIODE	MA8056
⚠	D2020	8-719-422-46	DIODE	MA8056
⚠	D2021	8-719-422-46	DIODE	MA8056
	D2023	8-719-404-50	DIODE	MA111-TX
	D3002	8-719-071-87	DIODE	MA785-(TX),SO
	D3006	8-719-404-50	DIODE	MA111-TX
	D3007	8-719-077-59	DIODE	1PS302
	D3020	8-719-422-46	DIODE	MA8056
	D3021	8-719-422-46	DIODE	MA8056
	D4012	8-719-017-89	DIODE	MA8150-TX
	D5000	8-719-422-46	DIODE	MA8056
	D5001	8-719-422-46	DIODE	MA8056
	D5002	8-719-422-46	DIODE	MA8056
	D5003	8-719-050-38	DIODE	M1MA152WK-T1
	D5508	8-719-404-50	DIODE	MA111-TX
	D5516	8-719-404-50	DIODE	MA111-TX
	D5525	8-719-404-50	DIODE	MA111-TX
	D5528	8-719-404-50	DIODE	MA111-TX
	D5620	6-500-813-01	DIODE	MA2SD32008S0
	D7001	8-719-404-50	DIODE	MA111-TX
	D7003	8-719-423-10	DIODE	MA8100-M-TX
	D7004	8-719-977-12	DIODE	DTZ6.8B
	D7008	8-719-421-24	DIODE	MA8039-H
	D7009	8-719-404-50	DIODE	MA111-TX
	D7010	8-719-081-34	DIODE	RB160M-30TR
	D7013	8-719-081-34	DIODE	RB160M-30TR
	D7020	6-501-336-01	DIODE	RSX201L-30TE25
	D7022	8-719-422-46	DIODE	MA8056
	D7500	8-719-073-34	DIODE	EC21QS03L-TE12L
	D7700	8-719-053-07	DIODE	SML-310MTT86
	D7801	8-719-058-24	DIODE	RB501V-40TE-17

EARTH TERMINAL

REF. NO.	PART NO.	DESCRIPTION
ET2000	1-780-521-11	CAPACITOR PROTECTOR
ET4001	1-780-482-11	EARTH TERMINAL
ET4002	1-780-482-11	EARTH TERMINAL
ET4003	1-780-482-11	EARTH TERMINAL
ET4004	1-780-482-11	EARTH TERMINAL
ET4005	1-780-482-11	EARTH TERMINAL
ET4006	1-780-482-11	EARTH TERMINAL
ET4007	1-780-482-11	EARTH TERMINAL
ET7000	1-780-521-11	CAPACITOR PROTECTOR
ET7001	1-780-521-11	CAPACITOR PROTECTOR

FUSE

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
⚠	F2000	1-576-958-21	FUSE	4A	24V
⚠	F2001	1-576-913-11	FUSE	1.6A	32V
⚠	F2002	1-576-646-11	FUSE	0.5A	50V

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	REF. NO.	PART NO.	DESCRIPTION	VALUES	
⚠	F3001	1-576-646-11	FUSE	0.5A	50V
⚠	F4005	1-576-933-21	FUSE	5A	24V
⚠	F7000	1-576-603-21	FUSE	3.15A	24V
⚠	F7001	1-576-603-21	FUSE	3.15A	24V
⚠	F7002	1-576-913-11	FUSE	1.6A	32V

FERRITE BEAD

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	FB1400	1-400-807-21	FERRITE	0μH
	FB1401	1-400-807-21	FERRITE	0μH
	FB2006	1-400-089-21	FERRITE	0μH
	FB2007	1-400-089-21	FERRITE	0μH
	FB2008	1-400-089-21	FERRITE	0μH
	FB2009	1-400-089-21	FERRITE	0μH
	FB2012	1-400-807-21	FERRITE	0μH
	FB2015	1-400-212-22	FERRITE	0μH
	FB2016	1-400-110-21	FERRITE	0μH
	FB2017	1-400-807-21	FERRITE	0μH
	FB2018	1-400-807-21	FERRITE	0μH
	FB2019	1-400-807-21	FERRITE	0μH
	FB4001	1-400-089-21	FERRITE	0μH
	FB4003	1-400-089-21	FERRITE	0μH
	FB4005	1-414-445-11	FERRITE	0μH
	FB4006	1-414-445-11	FERRITE	0μH
	FB4007	1-414-445-11	FERRITE	0μH
	FB4008	1-400-591-22	FERRITE	0μH
	FB4009	1-400-591-22	FERRITE	0μH
	FB4010	1-400-591-22	FERRITE	0μH
	FB4011	1-400-591-22	FERRITE	0μH
⚠	FB4056	1-414-445-11	FERRITE	0μH
	FB4501	1-469-669-21	FERRITE	0μH
	FB4701	1-400-794-21	FERRITE	0μH
	FB4702	1-400-110-21	FERRITE	0μH
	FB4703	1-400-110-21	FERRITE	0μH
	FB4705	1-400-110-21	FERRITE	0μH
	FB4706	1-400-110-21	FERRITE	0μH
	FB4744	1-400-772-21	FERRITE	0μH
	FB5000	1-469-100-21	FERRITE	0μH
	FB5001	1-469-100-21	FERRITE	0μH
	FB5002	1-469-100-21	FERRITE	0μH
	FB5004	1-469-100-21	FERRITE	0μH
	FB5005	1-400-110-21	FERRITE	0μH
	FB5006	1-469-100-21	FERRITE	0μH
	FB5501	1-469-100-21	FERRITE	0μH
	FB7000	1-400-794-21	FERRITE	0μH
	FB7001	1-400-794-21	FERRITE	0μH
	FB7023	1-400-772-21	FERRITE	0μH
⚠	FB7200	1-414-229-11	FERRITE	0μH
⚠	FB7201	1-414-229-11	FERRITE	0μH
	FB7203	1-400-110-21	FERRITE	0μH
	FB7204	1-400-110-21	FERRITE	0μH
	FB7300	1-400-089-21	FERRITE	0μH
	FB7301	1-400-089-21	FERRITE	0μH
	FB7400	1-400-110-21	FERRITE	0μH
	FB7601	1-469-083-21	FERRITE	0μH
⚠	FB7602	1-469-083-21	FERRITE	0μH
⚠	FB7700	1-414-229-11	FERRITE	0μH
⚠	FB7701	1-414-229-11	FERRITE	0μH
	FB7800	1-414-229-11	FERRITE	0μH
	FB7801	1-218-990-81	SHORT CHIP	
	FB7802	1-218-990-81	SHORT CHIP	
	FB7803	1-469-084-21	FERRITE	0MH
⚠	FB7804	1-469-083-21	FERRITE	0μH
	FB7805	1-469-083-21	FERRITE	0μH
	FB7806	1-469-083-21	FERRITE	0μH
	FB7807	1-469-083-21	FERRITE	0μH
	FB7808	1-400-198-21	FERRITE	0μH
	FB7809	1-400-198-21	FERRITE	0μH

FILTER

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	FL3001	1-234-177-21	FERRITE	0μH
	FL4701	1-234-177-21	FERRITE	0μH
	FL4703	1-234-177-21	FERRITE	0μH
	FL4705	1-234-177-21	FERRITE	0μH
	FL4706	1-234-177-21	FERRITE	0μH
	FL4707	1-234-177-21	FERRITE	0μH
	FL4900	1-234-177-21	FERRITE	0μH
	FL4901	1-234-177-21	FERRITE	0μH
	FL5501	1-234-177-21	FERRITE	0μH
	FL5502	1-234-177-21	FERRITE	0μH

IC

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC2002	6-710-906-01	IC	CXD9890Q
	IC2004	8-759-278-58	IC	NJM4558V-TE2
	IC2005	6-708-762-01	IC	PQ200WNA1ZPH
	IC2006	8-759-278-58	IC	NJM4558V-TE2
	IC2008	6-709-927-01	IC	RT8H225C-TP-2
⚠	IC2009	6-710-904-01	IC	TPA3100D2PHPR
	IC2010	8-759-359-49	IC	NJM3414AV(TE2)
	IC2011	6-709-927-01	IC	RT8H225C-TP-2

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BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES
IC2014	8-759-592-48	IC	TC7SZ32FU(TE85R)
IC3001	6-708-219-01	IC	MB91305PMC-G-BNDE1
IC3002	6-807-559-02	IC	S29AL016D70TFI010-WAX3A4U
		(KDL-26S3000 ONLY)	
IC3002	6-807-481-03	IC	S29AL016D70TFI010-WAX3A2
		(ALL EXCEPT KDL-26S3000 ONLY)	
IC3004	6-703-175-01	IC	PST3629UL
IC3005	6-710-121-01	IC	M24256-BWMN6TP(A)
IC3006	6-709-512-01	IC	S-1132B18-M5T1G
IC3007	6-709-731-01	IC	ADT75ARZ-REEL
IC3008	6-707-867-01	IC	TC74VHC132FT(EKJ)
IC3009	6-709-517-01	IC	S-35390A-J8T1G
IC4511	6-710-366-01	IC	74LVC1G04GW-125
IC4701	8-759-651-59	IC	SN74CBTLV3245APWR
IC4702	8-759-651-59	IC	SN74CBTLV3245APWR
IC4703	6-706-491-01	IC	TC7SH86FU(T5RSOYJF)
IC4800	6-710-903-01	IC	BH7641FV-E2
IC4900	6-710-708-01	IC	EM6A9320BI-5MGM
IC5000	6-704-600-01	IC	M24C02-WMN6T(B)
IC5001	6-707-846-01	IC	TC74LCX14FT(EKJ)
IC5500	6-710-819-01	IC	TMDS341ApFCR
IC5501	6-704-001-01	IC	BR24L02F-WE2
IC5503	6-704-001-01	IC	BR24L02F-WE2
IC5504	6-708-758-01	IC	PCA9517DP.118
IC5510	8-759-596-34	IC	SN74LV4053APWR
IC7001	6-708-171-01	IC	MIC5235YM5TR
IC7002	6-703-708-01	IC	LM2903DT
IC7003	6-703-175-01	IC	PST3629UL
⚠ IC7004	6-709-075-01	IC	TPS5124DBTRG4
⚠ IC7005	6-709-075-01	IC	TPS5124DBTRG4
⚠ IC7008	6-710-965-01	IC	TPS40200DRG4
IC7009	6-703-175-01	IC	PST3629UL
IC7301	6-700-631-01	IC	TPS2051ADR
IC7400	6-711-198-01	IC	HYB18TC512160BF-2.5
IC7502	6-702-688-01	IC	M24C64-WMN6T(B)
IC7503	6-708-624-01	IC	M25P10-AVMN6TP
IC7504	8-759-675-48	IC	SN74LVC32APWR
IC7505	6-705-468-01	IC	BA33BC0FP-E2
IC7506	6-703-038-01	IC	CD74HC4538PWR
IC7507	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
IC7601	6-706-334-01	IC	TC74VCX162374(EL,F
IC7602	6-703-164-01	IC	TC74VCX574FT(EL)
IC7950	8-759-338-95	IC	NJM2903V(TE2)

REF. NO.	PART NO.	DESCRIPTION	VALUES
	JACK		
J1000	1-780-487-11	S TERMINAL BLOCK	
J1100	1-821-064-11	PHONO JACK	10P
J1700	1-821-026-11	OPTICAL OUT TERMINAL	
J1701	1-820-765-11	PHONO JACK	2P
J1710	1-820-638-11	JACK (SMALL TYPE)	
J5000	1-821-013-11	D SUB CONNECTOR	
J5502	1-818-737-11	HDMI CONNECTOR	
J5503	1-818-737-11	HDMI CONNECTOR	
	COIL		
L2009	1-469-555-21	INDUCTOR	10μH
L2010	1-469-555-21	INDUCTOR	10μH
L2011	1-469-555-21	INDUCTOR	10μH
L2015	1-469-555-21	INDUCTOR	10μH
L2016	1-481-083-11	INDUCTOR	22μH
L2017	1-412-058-11	INDUCTOR	10μH
L2022	1-457-429-11	INDUCTOR	22μH
L2023	1-457-429-11	INDUCTOR	22μH
L2024	1-457-429-11	INDUCTOR	22μH
L2025	1-457-429-11	INDUCTOR	22μH
L3002	1-400-794-21	FERRITE	0μH
L4500	1-457-360-21	INDUCTOR	0μH
L4501	1-457-360-21	INDUCTOR	0μH
L4502	1-457-360-21	INDUCTOR	0μH
L4503	1-457-360-21	INDUCTOR	0μH
L4504	1-457-360-21	INDUCTOR	0μH
L4505	1-400-177-21	FERRITE	0μH
L4507	1-457-360-21	INDUCTOR	0μH
L4701	1-400-794-21	FERRITE	0μH
L4800	1-469-557-21	INDUCTOR	22μH
L4900	1-400-794-21	FERRITE	0μH
L4901	1-400-794-21	FERRITE	0μH
L5005	1-457-223-11	INDUCTOR	0μH
L5006	1-457-223-11	INDUCTOR	0μH
L5007	1-457-223-11	INDUCTOR	0μH
L5008	1-457-223-11	INDUCTOR	0μH
L5501	1-457-223-11	INDUCTOR	0μH
L5502	1-457-223-11	INDUCTOR	0μH
L5503	1-457-223-11	INDUCTOR	0μH
L5504	1-457-223-11	INDUCTOR	0μH
L7001	1-416-740-11	INDUCTOR	10μH
L7004	1-424-922-21	INDUCTOR	10μH
L7005	1-424-922-21	INDUCTOR	10μH

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REF. NO.	PART NO.	DESCRIPTION	VALUES
L7006	1-400-325-11	INDUCTOR	5.6µH
L7007	1-400-281-11	INDUCTOR	10µH
L7008	1-481-080-11	INDUCTOR	22µH
L7201	1-400-180-21	FERRITE	0µH
L7300	1-400-284-21	INDUCTOR	0µH
L7431	1-400-180-21	FERRITE	0µH
L7720	1-400-180-21	FERRITE	0µH
L7800	1-412-973-11	INDUCTOR	0.33µH
L7801	1-412-971-31	INDUCTOR	0.22µH
L7802	1-412-971-31	INDUCTOR	0.22µH
L7805	1-412-973-11	INDUCTOR	0.33µH
L7806	1-412-974-41	INDUCTOR	0.39µH
L7807	1-412-974-41	INDUCTOR	0.39µH
L7808	1-469-555-21	INDUCTOR	10µH
L7809	1-412-972-31	INDUCTOR	0.27µH
L7810	1-412-972-31	INDUCTOR	0.27µH
L7811	1-469-555-21	INDUCTOR	10µH
L7812	1-469-555-21	INDUCTOR	10µH
L7813	1-469-555-21	INDUCTOR	10µH
L7814	1-469-555-21	INDUCTOR	10µH
L7815	1-216-295-91	SHORT CHIP	
L7817	1-400-180-21	FERRITE	0µH
L7818	1-400-180-21	FERRITE	0µH
L7819	1-469-555-21	INDUCTOR	10µH

IC LINK

REF. NO.	PART NO.	DESCRIPTION	VALUES	
PS5000	1-576-646-11	FUSE	0.5A	50V

TRANSISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q2006	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2007	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q2008	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q2009	8-729-028-96	TRANSISTOR	DTC114EUA-T106
⚠ Q2010	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM
Q2016	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2017	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2018	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q2019	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q2020	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q2023	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2024	8-729-028-91	TRANSISTOR	DTA144EUA-T106
Q2025	6-551-677-01	TRANSISTOR	RTAN140M-T111-1

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q2026	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q2029	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2030	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2031	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2032	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2045	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q2046	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q3002	6-551-420-01	TRANSISTOR	RT1N151M-TP-1
Q3003	8-729-028-74	TRANSISTOR	DTA114TUA-T106
Q3004	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q3005	8-729-028-74	TRANSISTOR	DTA114TUA-T106
Q3006	6-550-260-01	TRANSISTOR	RT1N237M-TP-1
Q3007	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q3008	6-551-424-01	TRANSISTOR	RT1P151M-TP-1
Q3010	8-729-029-06	TRANSISTOR	DTC124EUA-T106
Q4001	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4002	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4011	8-729-907-00	TRANSISTOR	DTC114EU
⚠ Q4012	8-729-054-36	TRANSISTOR	UPA1716G-E2
Q4014	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q4015	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q4016	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4017	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4018	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4019	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q4801	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q5503	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q5505	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q5507	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q5509	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q5510	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q5620	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF
Q5621	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q5622	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q5623	8-729-028-96	TRANSISTOR	DTC114EUA-T106
⚠ Q7000	8-729-046-04	TRANSISTOR	FDS6690A
Q7001	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7002	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7003	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7004	6-709-438-01	TRANSISTOR	FDS6986AS-NL
Q7007	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q7008	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
⚠ Q7009	6-550-828-01	TRANSISTOR	RSQ035P03TR
Q7800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF

REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q7801	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
Q7802	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF		
Q7803	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q7804	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q7805	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF		
Q7806	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
	RESISTOR				
R1000	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1001	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1002	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1003	1-218-941-81	RES-CHIP	100	5%	1/16W
R1004	1-218-285-11	METAL CHIP	75	5%	1/10W
R1005	1-218-941-81	RES-CHIP	100	5%	1/16W
R1006	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1007	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1008	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1009	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1010	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1011	1-218-941-81	RES-CHIP	100	5%	1/16W
R1012	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1013	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1014	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1015	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1016	1-218-990-81	SHORT CHIP			
R1017	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1018	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1019	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1020	1-218-941-81	RES-CHIP	100	5%	1/16W
R1021	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1022	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1023	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1024	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1025	1-218-990-81	SHORT CHIP			
R1102	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1103	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1104	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1105	1-218-933-11	RES-CHIP	22	5%	1/16W
R1106	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1107	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1108	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1109	1-218-933-11	RES-CHIP	22	5%	1/16W
R1110	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1111	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1112	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1113	1-218-933-11	RES-CHIP	22	5%	1/16W
R1114	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1115	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1116	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1117	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1132	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1133	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1134	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1135	1-218-933-11	RES-CHIP	22	5%	1/16W
R1136	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1137	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1138	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1139	1-218-933-11	RES-CHIP	22	5%	1/16W
R1140	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1141	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1142	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1143	1-218-933-11	RES-CHIP	22	5%	1/16W
R1144	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1145	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1146	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1147	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1402	1-218-990-81	SHORT CHIP			
R1403	1-218-990-81	SHORT CHIP			
R1406	1-218-990-81	SHORT CHIP			
R1409	1-218-990-81	SHORT CHIP			
R1410	1-218-990-81	SHORT CHIP			
R1411	1-218-990-81	SHORT CHIP			
R1412	1-218-990-81	SHORT CHIP			
R1413	1-218-990-81	SHORT CHIP			
R1700	1-218-981-11	RES-CHIP	220K	5%	1/16W
R1701	1-218-981-11	RES-CHIP	220K	5%	1/16W
R1702	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1703	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1710	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1711	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1712	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1713	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1720	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1721	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1722	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1723	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2020	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2023	1-218-990-81	SHORT CHIP			

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2026	1-218-937-11	RES-CHIP	47	5%	1/16W
R2033	1-218-941-81	RES-CHIP	100	5%	1/16W
R2035	1-218-937-11	RES-CHIP	47	5%	1/16W
R2042	1-218-937-11	RES-CHIP	47	5%	1/16W
R2044	1-218-941-81	RES-CHIP	100	5%	1/16W
R2049	1-218-990-81	SHORT CHIP			
R2050	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2056	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R2057	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R2063	1-218-990-81	SHORT CHIP			
R2064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2070	1-218-990-81	SHORT CHIP			
R2073	1-218-941-81	RES-CHIP	100	5%	1/16W
R2074	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2075	1-218-937-11	RES-CHIP	47	5%	1/16W
R2076	1-218-937-11	RES-CHIP	47	5%	1/16W
R2077	1-218-937-11	RES-CHIP	47	5%	1/16W
R2078	1-218-937-11	RES-CHIP	47	5%	1/16W
R2085	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2087	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2091	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2092	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2095	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2096	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2097	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2098	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2099	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2100	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2101	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2102	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2103	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2104	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2105	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2106	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2107	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2108	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2109	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2110	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2111	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2112	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2113	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2117	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2118	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2120	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R2121	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2122	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2126	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R2129	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2130	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2131	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2133	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2138	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2139	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2141	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2142	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2143	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2145	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2147	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2148	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2149	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2150	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2151	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2153	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2154	1-218-990-81	SHORT CHIP			
R2155	1-218-990-81	SHORT CHIP			
R2156	1-218-990-81	SHORT CHIP			
R2162	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2163	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2166	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2168	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2169	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2170	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2171	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2176	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2177	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2178	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2179	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2180	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2181	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2184	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2185	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2186	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2187	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2198	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R2199	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2200	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2204	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2205	1-208-923-11	METAL CHIP	33K	0.50%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2207	1-218-937-11	RES-CHIP	47	5%	1/16W
R2210	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R2211	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R2212	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2213	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2227	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2228	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R2229	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R2230	1-218-990-81	SHORT CHIP			
R2232	1-218-990-81	SHORT CHIP			
R2234	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2235	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R2236	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2237	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2238	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R2239	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R2243	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2244	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2245	1-218-941-81	RES-CHIP	100	5%	1/16W
R2246	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2247	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2248	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2249	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2259	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2262	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2268	1-218-941-81	RES-CHIP	100	5%	1/16W
R2269	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2270	1-218-941-81	RES-CHIP	100	5%	1/16W
R2271	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2272	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2273	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2274	1-218-990-81	SHORT CHIP			
R2275	1-218-990-81	SHORT CHIP			
R2277	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2279	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2280	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2281	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3001	1-216-864-11	SHORT CHIP			
R3005	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3010	1-218-990-81	SHORT CHIP			
R3018	1-218-990-81	SHORT CHIP			
R3023	1-218-990-81	SHORT CHIP			
R3031	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R3034	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R3037	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3052	1-218-941-81	RES-CHIP	100	5%	1/16W
R3053	1-218-990-81	SHORT CHIP			
R3055	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3061	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3066	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3069	1-218-941-81	RES-CHIP	100	5%	1/16W
R3070	1-218-941-81	RES-CHIP	100	5%	1/16W
R3101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3102	1-218-941-81	RES-CHIP	100	5%	1/16W
R3103	1-218-941-81	RES-CHIP	100	5%	1/16W
R3111	1-218-933-11	RES-CHIP	22	5%	1/16W
R3113	1-218-933-11	RES-CHIP	22	5%	1/16W
R3144	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R3158	1-218-941-81	RES-CHIP	100	5%	1/16W
R3162	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3165	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3168	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3169	1-216-864-11	SHORT CHIP			
R3170	1-400-794-21	FERRITE	0μH		
R3180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3181	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3186	1-218-990-81	SHORT CHIP			
R3188	1-218-990-81	SHORT CHIP			
R3190	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R3191	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3193	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3195	1-218-990-81	SHORT CHIP			
R3196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3198	1-218-990-81	SHORT CHIP			
R3207	1-218-949-11	RES-CHIP	470	5%	1/16W
R3208	1-218-990-81	SHORT CHIP			
R3209	1-218-990-81	SHORT CHIP			
R3210	1-218-949-11	RES-CHIP	470	5%	1/16W
R3212	1-218-949-11	RES-CHIP	470	5%	1/16W
R3218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3223	1-218-945-11	RES-CHIP	220	5%	1/16W
R3224	1-218-990-81	SHORT CHIP			
R3226	1-218-945-11	RES-CHIP	220	5%	1/16W
R3243	1-218-941-81	RES-CHIP	100	5%	1/16W
R3246	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3247	1-218-990-81	SHORT CHIP			
R3255	1-400-591-22	FERRITE	0μH		
R3256	1-400-591-22	FERRITE	0μH		
R3257	1-400-591-22	FERRITE	0μH		

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3258	1-400-591-22	FERRITE	0μH		
R3259	1-400-591-22	FERRITE	0μH		
R3260	1-400-591-22	FERRITE	0μH		
R3261	1-400-591-22	FERRITE	0μH		
R3262	1-400-591-22	FERRITE	0μH		
R3263	1-400-591-22	FERRITE	0μH		
R3264	1-400-591-22	FERRITE	0μH		
R3265	1-400-591-22	FERRITE	0μH		
R3266	1-216-864-11	SHORT CHIP			
R3267	1-216-864-11	SHORT CHIP			
R3270	1-218-941-81	RES-CHIP	100	5%	1/16W
R3271	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3274	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3290	1-218-990-81	SHORT CHIP			
R3295	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R3515	1-218-990-81	SHORT CHIP			
R3516	1-218-941-81	RES-CHIP	100	5%	1/16W
R4002	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4006	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4007	1-218-979-11	RES-CHIP	150K	5%	1/16W
R4008	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4013	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4042	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4043	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4045	1-216-864-11	SHORT CHIP			
R4047	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4048	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R4049	1-218-983-11	RES-CHIP	330K	5%	1/16W
R4050	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4052	1-216-864-11	SHORT CHIP			
R4058	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4060	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4086	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4087	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4088	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4089	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4090	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4501	1-218-933-11	RES-CHIP	22	5%	1/16W
R4502	1-218-933-11	RES-CHIP	22	5%	1/16W
R4505	1-218-933-11	RES-CHIP	22	5%	1/16W
R4506	1-218-933-11	RES-CHIP	22	5%	1/16W
R4507	1-218-933-11	RES-CHIP	22	5%	1/16W
R4508	1-218-933-11	RES-CHIP	22	5%	1/16W
R4509	1-218-989-11	RES-CHIP	1M	5%	1/16W
R4510	1-218-990-81	SHORT CHIP			
R4512	1-218-990-81	SHORT CHIP			
R4516	1-218-941-81	RES-CHIP	100	5%	1/16W
R4521	1-218-937-11	RES-CHIP	47	5%	1/16W
R4522	1-218-990-81	SHORT CHIP			
R4525	1-218-937-11	RES-CHIP	47	5%	1/16W
R4529	1-218-937-11	RES-CHIP	47	5%	1/16W
R4530	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4532	1-218-941-81	RES-CHIP	100	5%	1/16W
R4534	1-218-941-81	RES-CHIP	100	5%	1/16W
R4536	1-218-933-11	RES-CHIP	22	5%	1/16W
R4537	1-218-941-81	RES-CHIP	100	5%	1/16W
R4542	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4545	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4547	1-218-935-11	RES-CHIP	33	5%	1/16W
R4548	1-218-941-81	RES-CHIP	100	5%	1/16W
R4550	1-218-941-81	RES-CHIP	100	5%	1/16W
R4710	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4712	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4714	1-218-933-11	RES-CHIP	22	5%	1/16W
R4715	1-218-933-11	RES-CHIP	22	5%	1/16W
R4721	1-216-864-11	SHORT CHIP			
R4722	1-216-864-11	SHORT CHIP			
R4723	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4801	1-218-941-81	RES-CHIP	100	5%	1/16W
R4802	1-218-949-11	RES-CHIP	470	5%	1/16W
R4804	1-218-941-81	RES-CHIP	100	5%	1/16W
R4805	1-218-949-11	RES-CHIP	470	5%	1/16W
R4808	1-218-941-81	RES-CHIP	100	5%	1/16W
R4813	1-218-285-11	METAL CHIP	75	5%	1/10W
R4814	1-218-981-11	RES-CHIP	220K	5%	1/16W
R4900	1-400-794-21	FERRITE	0μH		
R4903	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4904	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4905	1-218-990-81	SHORT CHIP			
R4906	1-208-652-11	METAL CHIP	51	0.50%	1/16W
R4907	1-218-990-81	SHORT CHIP			
R4908	1-218-929-11	RES-CHIP	10	5%	1/16W
R4909	1-208-652-11	METAL CHIP	51	0.50%	1/16W
R4910	1-218-933-11	RES-CHIP	22	5%	1/16W
R4911	1-218-933-11	RES-CHIP	22	5%	1/16W
R4912	1-218-933-11	RES-CHIP	22	5%	1/16W
R4913	1-218-933-11	RES-CHIP	22	5%	1/16W
R4914	1-218-929-11	RES-CHIP	10	5%	1/16W
R4915	1-218-929-11	RES-CHIP	10	5%	1/16W
R4916	1-218-933-11	RES-CHIP	22	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4917	1-218-933-11	RES-CHIP	22	5%	1/16W
R4918	1-218-933-11	RES-CHIP	22	5%	1/16W
R4919	1-218-933-11	RES-CHIP	22	5%	1/16W
R5000	1-216-864-11	SHORT CHIP			
R5012	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5013	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5014	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5015	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5017	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5018	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5021	1-216-801-11	METAL CHIP	22	5%	1/10W
R5022	1-216-801-11	METAL CHIP	22	5%	1/10W
R5023	1-216-801-11	METAL CHIP	22	5%	1/10W
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W
R5501	1-218-929-11	RES-CHIP	10	5%	1/16W
R5503	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R5504	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5505	1-218-929-11	RES-CHIP	10	5%	1/16W
R5511	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R5512	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5523	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5524	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5529	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5530	1-218-941-81	RES-CHIP	100	5%	1/16W
R5531	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5534	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5538	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5543	1-218-941-81	RES-CHIP	100	5%	1/16W
R5547	1-218-929-11	RES-CHIP	10	5%	1/16W
R5548	1-218-929-11	RES-CHIP	10	5%	1/16W
R5549	1-218-929-11	RES-CHIP	10	5%	1/16W
R5550	1-218-929-11	RES-CHIP	10	5%	1/16W
R5551	1-218-929-11	RES-CHIP	10	5%	1/16W
R5552	1-218-929-11	RES-CHIP	10	5%	1/16W
R5553	1-218-929-11	RES-CHIP	10	5%	1/16W
R5556	1-218-929-11	RES-CHIP	10	5%	1/16W
R5558	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5559	1-218-929-11	RES-CHIP	10	5%	1/16W
R5560	1-218-929-11	RES-CHIP	10	5%	1/16W
R5561	1-218-929-11	RES-CHIP	10	5%	1/16W
R5562	1-218-929-11	RES-CHIP	10	5%	1/16W
R5563	1-218-929-11	RES-CHIP	10	5%	1/16W
R5564	1-218-929-11	RES-CHIP	10	5%	1/16W
R5565	1-218-929-11	RES-CHIP	10	5%	1/16W
R5566	1-218-929-11	RES-CHIP	10	5%	1/16W
R5573	1-218-937-11	RES-CHIP	47	5%	1/16W
R5591	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5592	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5593	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5594	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5622	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5623	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5624	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5625	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5628	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5629	1-218-970-11	RES-CHIP	27K	5%	1/16W
R5630	1-218-990-81	SHORT CHIP			
R5631	1-218-945-11	RES-CHIP	220	5%	1/16W
R5647	1-218-990-81	SHORT CHIP			
R5649	1-218-990-81	SHORT CHIP			
R5650	1-218-990-81	SHORT CHIP			
R5651	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5652	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5653	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7000	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7001	1-218-945-11	RES-CHIP	220	5%	1/16W
R7005	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R7009	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R7010	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R7012	1-216-295-91	SHORT CHIP			
R7013	1-218-990-81	SHORT CHIP			
R7016	1-216-295-91	SHORT CHIP			
R7017	1-216-295-91	SHORT CHIP			
R7018	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7019	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7020	1-218-990-81	SHORT CHIP			
R7021	1-218-990-81	SHORT CHIP			
R7022	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7023	1-216-818-11	METAL CHIP	560	5%	1/10W
R7024	1-218-941-81	RES-CHIP	100	5%	1/16W
R7025	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R7026	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7027	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7028	1-208-956-81	METAL CHIP	750K	0.50%	1/16W
R7030	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7032	1-218-990-81	SHORT CHIP			

BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7034	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7035	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7036	1-218-982-11	RES-CHIP	270K	5%	1/16W
R7037	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7038	1-208-922-11	METAL CHIP	30K	0.50%	1/16W
R7039	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7040	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7041	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7042	1-218-982-11	RES-CHIP	270K	5%	1/16W
R7043	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7044	1-208-929-81	METAL CHIP	56K	0.50%	1/16W
R7045	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7046	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7047	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7048	1-218-941-81	RES-CHIP	100	5%	1/16W
R7049	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7050	1-218-941-81	RES-CHIP	100	5%	1/16W
R7051	1-218-941-81	RES-CHIP	100	5%	1/16W
R7052	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7053	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7054	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7055	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7056	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7057	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7059	1-218-937-11	RES-CHIP	47	5%	1/16W
R7060	1-218-937-11	RES-CHIP	47	5%	1/16W
R7061	1-218-937-11	RES-CHIP	47	5%	1/16W
R7062	1-218-937-11	RES-CHIP	47	5%	1/16W
R7063	1-216-864-11	SHORT CHIP			
R7064	1-216-864-11	SHORT CHIP			
R7065	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7066	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7067	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7068	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7069	1-216-295-91	SHORT CHIP			
R7070	1-216-295-91	SHORT CHIP			
R7071	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7072	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7073	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7074	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7079	1-216-295-91	SHORT CHIP			
R7080	1-216-295-91	SHORT CHIP			
R7081	1-216-295-91	SHORT CHIP			
R7082	1-216-295-91	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7084	1-216-864-11	SHORT CHIP			
R7085	1-216-864-11	SHORT CHIP			
R7087	1-216-864-11	SHORT CHIP			
R7089	1-216-295-91	SHORT CHIP			
R7090	1-216-295-91	SHORT CHIP			
R7091	1-216-295-91	SHORT CHIP			
R7092	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R7093	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7094	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7095	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R7096	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7097	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7098	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7099	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R7100	1-220-915-91	METAL CHIP	0.033	2%	1/4W
R7101	1-218-937-11	RES-CHIP	47	5%	1/16W
R7102	1-218-990-81	SHORT CHIP			
R7103	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7104	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7105	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7106	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7108	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7109	1-218-990-81	SHORT CHIP			
R7110	1-218-937-11	RES-CHIP	47	5%	1/16W
R7183	1-218-990-81	SHORT CHIP			
R7307	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7308	1-218-941-81	RES-CHIP	100	5%	1/16W
R7309	1-218-990-81	SHORT CHIP			
R7316	1-218-990-81	SHORT CHIP			
R7317	1-216-864-11	SHORT CHIP			
R7318	1-216-864-11	SHORT CHIP			
R7319	1-218-990-81	SHORT CHIP			
R7320	1-218-941-81	RES-CHIP	100	5%	1/16W
R7321	1-218-933-11	RES-CHIP	22	5%	1/16W
R7327	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7328	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7329	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7330	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7331	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7332	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7333	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7400	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7401	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7404	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7407	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7408	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7501	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7506	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7507	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7508	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7516	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7517	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7521	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7526	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7528	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7529	1-218-985-11	RES-CHIP	470K	5%	1/16W
R7532	1-218-990-81	SHORT CHIP			
R7533	1-218-446-11	METAL CHIP	1	5%	1/10W
R7535	1-218-990-81	SHORT CHIP			
R7536	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7538	1-218-990-81	SHORT CHIP			
R7600	1-218-933-11	RES-CHIP	22	5%	1/16W
R7601	1-218-933-11	RES-CHIP	22	5%	1/16W
R7602	1-218-933-11	RES-CHIP	22	5%	1/16W
R7603	1-218-933-11	RES-CHIP	22	5%	1/16W
R7604	1-218-933-11	RES-CHIP	22	5%	1/16W
R7605	1-218-933-11	RES-CHIP	22	5%	1/16W
R7607	1-218-933-11	RES-CHIP	22	5%	1/16W
R7608	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7609	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7610	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7611	1-218-933-11	RES-CHIP	22	5%	1/16W
R7614	1-218-990-81	SHORT CHIP			
R7703	1-218-941-81	RES-CHIP	100	5%	1/16W
R7704	1-218-941-81	RES-CHIP	100	5%	1/16W
R7705	1-218-941-81	RES-CHIP	100	5%	1/16W
R7706	1-218-935-11	RES-CHIP	33	5%	1/16W
R7707	1-218-941-81	RES-CHIP	100	5%	1/16W
R7708	1-218-941-81	RES-CHIP	100	5%	1/16W
R7709	1-218-941-81	RES-CHIP	100	5%	1/16W
R7710	1-218-935-11	RES-CHIP	33	5%	1/16W
R7711	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7712	1-218-935-11	RES-CHIP	33	5%	1/16W
R7714	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7716	1-218-935-11	RES-CHIP	33	5%	1/16W
R7717	1-218-935-11	RES-CHIP	33	5%	1/16W
R7718	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7720	1-218-941-81	RES-CHIP	100	5%	1/16W
R7800	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7803	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7808	1-218-949-11	RES-CHIP	470	5%	1/16W
R7814	1-218-941-81	RES-CHIP	100	5%	1/16W
R7819	1-218-941-81	RES-CHIP	100	5%	1/16W
R7821	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7822	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7829	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7831	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7834	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7836	1-218-990-81	SHORT CHIP			
R7838	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7839	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7840	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7842	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7843	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R7844	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7847	1-218-941-81	RES-CHIP	100	5%	1/16W
R7848	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7849	1-208-713-11	METAL CHIP	18K	0.50%	1/16W
R7851	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7852	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7853	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7854	1-218-990-81	SHORT CHIP			
R7855	1-218-990-81	SHORT CHIP			
R7857	1-218-937-11	RES-CHIP	47	5%	1/16W
R7860	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7861	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7862	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7863	1-218-979-11	RES-CHIP	150K	5%	1/16W
R7864	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7865	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7869	1-218-941-81	RES-CHIP	100	5%	1/16W
R7874	1-218-990-81	SHORT CHIP			
R7875	1-218-990-81	SHORT CHIP			
R7876	1-218-990-81	SHORT CHIP			
R7885	1-216-295-91	SHORT CHIP			
R7886	1-216-295-91	SHORT CHIP			
R7964	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7965	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7967	1-218-941-81	RES-CHIP	100	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7969	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7970	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7971	1-218-941-81	RES-CHIP	100	5%	1/16W
R7972	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7973	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7974	1-218-941-81	RES-CHIP	100	5%	1/16W
R7975	1-218-941-81	RES-CHIP	100	5%	1/16W
R7978	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7979	1-218-990-81	SHORT CHIP			
R7980	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7990	1-218-965-11	RES-CHIP	10K	5%	1/16W

RESISTOR BRIDGE

REF. NO.	PART NO.	DESCRIPTION	VALUES
RB2001	1-234-381-21	RES, NETWORK 100K	(1005X4)
RB2003	1-239-698-11	RESISTOR, NETWORK 10K	
RB2004	1-239-674-81	RESISTOR, NETWORK 100	
RB2006	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2007	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2008	1-239-674-81	RESISTOR, NETWORK 100	
RB2009	1-239-674-81	RESISTOR, NETWORK 100	
RB2010	1-239-698-11	RESISTOR, NETWORK 10K	
RB2011	1-239-698-11	RESISTOR, NETWORK 10K	
RB2012	1-239-698-11	RESISTOR, NETWORK 10K	
RB3004	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3005	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3006	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3007	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB3008	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB3010	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3011	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3014	1-239-698-11	RESISTOR, NETWORK 10K	
RB3015	1-239-670-81	RESISTOR, NETWORK 47	
RB3016	1-239-698-11	RESISTOR, NETWORK 10K	
RB3017	1-239-674-81	RESISTOR, NETWORK 100	
RB3018	1-239-698-11	RESISTOR, NETWORK 10K	
RB3019	1-239-698-11	RESISTOR, NETWORK 10K	
RB3020	1-239-674-81	RESISTOR, NETWORK 100	
RB3021	1-239-674-81	RESISTOR, NETWORK 100	
RB3022	1-239-698-11	RESISTOR, NETWORK 10K	
RB3024	1-239-698-11	RESISTOR, NETWORK 10K	
RB4500	1-234-795-21	RES, NETWORK 0X4	(2010)
RB4501	1-234-795-21	RES, NETWORK 0X4	(2010)
RB4502	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4503	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4504	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4505	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4510	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4511	1-234-106-81	RES, NETWORK 0	
RB4512	1-239-698-11	RESISTOR, NETWORK 10K	
RB4701	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4702	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4703	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4704	1-239-698-11	RESISTOR, NETWORK 10K	
RB4800	1-239-674-81	RESISTOR, NETWORK 100	
RB4900	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4901	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4902	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4903	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4904	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4905	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4906	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4907	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4908	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4909	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4910	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4911	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5001	1-239-698-11	RESISTOR, NETWORK 10K	
RB5002	1-239-670-81	RESISTOR, NETWORK 47	
RB5504	1-239-674-81	RESISTOR, NETWORK 100	
RB5505	1-239-674-81	RESISTOR, NETWORK 100	
RB5507	1-239-670-81	RESISTOR, NETWORK 47	
RB5508	1-239-706-81	RESISTOR, NETWORK 47K	
RB5509	1-239-698-11	RESISTOR, NETWORK 10K	
RB5510	1-239-706-81	RESISTOR, NETWORK 47K	
RB5511	1-239-706-81	RESISTOR, NETWORK 47K	
RB7300	1-239-674-81	RESISTOR, NETWORK 100	
RB7301	1-234-106-81	RES, NETWORK 0	
RB7302	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7500	1-239-674-81	RESISTOR, NETWORK 100	
RB7600	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7601	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7602	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7603	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7604	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7606	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7607	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7608	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7609	1-234-370-21	RES, NETWORK 22	(1005X4)

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REF. NO.	PART NO.	DESCRIPTION	VALUES
RB7610	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7611	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7612	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7613	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7800	1-239-698-11	RESISTOR, NETWORK 10K	
RB7801	1-239-674-81	RESISTOR, NETWORK 100	
RB7802	1-234-795-21	RES, NETWORK 0X4	(2010)

VARISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES
VD1001	1-802-078-11	VARISTOR	(SMD)
VD1002	1-802-078-11	VARISTOR	(SMD)
VD1003	1-802-078-11	VARISTOR	(SMD)
VD1004	1-802-078-11	VARISTOR	(SMD)
VD1103	1-802-090-21	VARISTOR, CHIP	
VD1104	1-802-090-21	VARISTOR, CHIP	
VD1105	1-802-090-21	VARISTOR, CHIP	
VD1106	1-802-078-11	VARISTOR	(SMD)
VD1107	1-802-078-11	VARISTOR	(SMD)
VD1108	1-802-078-11	VARISTOR	(SMD)
VD1109	1-802-078-11	VARISTOR	(SMD)
VD1133	1-802-090-21	VARISTOR, CHIP	
VD1134	1-802-090-21	VARISTOR, CHIP	
VD1135	1-802-090-21	VARISTOR, CHIP	
VD1702	1-802-090-21	VARISTOR, CHIP	
VD1703	1-802-090-21	VARISTOR, CHIP	
VD1710	1-802-078-11	VARISTOR	(SMD)
VD1711	1-802-078-11	VARISTOR	(SMD)
VD1720	1-802-078-11	VARISTOR	(SMD)
VD1721	1-802-078-11	VARISTOR	(SMD)
VD5002	1-802-078-11	VARISTOR	(SMD)
VD5003	1-802-078-11	VARISTOR	(SMD)
VD5004	1-802-078-11	VARISTOR	(SMD)
VD5005	1-802-078-11	VARISTOR	(SMD)
VD5006	1-802-078-11	VARISTOR	(SMD)
VD5501	1-805-774-21	VARISTOR, CHIP	
VD5503	1-802-417-11	SURGE ABSORBER	
VD5504	1-802-417-11	SURGE ABSORBER	
VD5506	1-802-417-11	SURGE ABSORBER	
VD5507	1-802-417-11	SURGE ABSORBER	
VD5509	1-802-417-11	SURGE ABSORBER	
VD5510	1-802-417-11	SURGE ABSORBER	
VD5511	1-802-417-11	SURGE ABSORBER	
VD5512	1-802-417-11	SURGE ABSORBER	
VD5513	1-802-417-11	SURGE ABSORBER	
VD5514	1-802-417-11	SURGE ABSORBER	
VD5515	1-802-417-11	SURGE ABSORBER	
VD5517	1-802-417-11	SURGE ABSORBER	
VD5518	1-802-417-11	SURGE ABSORBER	
VD5519	1-802-417-11	SURGE ABSORBER	
VD5520	1-802-417-11	SURGE ABSORBER	
VD5522	1-802-417-11	SURGE ABSORBER	
VD5523	1-802-417-11	SURGE BSORBER	
VD5524	1-802-417-11	SURGE ABSORBER	
VD5526	1-802-417-11	SURGE ABSORBER	
VD5527	1-802-417-11	SURGE ABSORBER	
VD7300	1-802-090-21	VARISTOR, CHIP	
VD7301	1-802-090-21	VARISTOR, CHIP	
VD7302	1-802-090-21	VARISTOR, CHIP	

CRYSTAL

REF. NO.	PART NO.	DESCRIPTION	VALUES
X2001	1-813-462-11	VIBRATOR, CRYSTAL	24.576MHZ
X3001	1-813-070-21	PIEZOELECTRIC OSCILLATOR	
X3009	1-813-784-21	VIBRATOR, CRYSTAL	
X4500	1-813-773-11	VIBRATOR, CRYSTAL	
X7200	1-813-946-21	VIBRATOR, CRYSTAL	

D1

REF. NO.	PART NO.	DESCRIPTION	VALUES
	A-1236-528-A	**D1 BOARD, COMPLETE** **(KDL-40S3000 ONLY)**	
	4-382-854-11	SCREW (M3X10), P, SW (+)	
	A-1236-531-A	**D1 BOARD, COMPLETE** **(KDL-46S3000 ONLY)**	
	4-382-854-11	SCREW (M3X10), P, SW (+)	

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6600	1-112-744-61	MYLAR	1μF	10%	450V
C6601	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6602	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6604	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V
C6606	1-112-744-61	MYLAR	1μF	10%	450V
C6609	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6612	1-119-891-51	CERAMIC	220pF	10%	250V
C6700	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6701	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6702	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6703	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6706	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6707	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6709	1-112-737-11	CERAMIC (KDL-40S3000 ONLY)	27pF	5%	6.3KV

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6710	1-162-967-11	CERAMIC CHIP (KDL-40S3000 ONLY)	0.0033μF	10%	50V
C6710	1-162-968-11	CERAMIC CHIP (KDL-46S3000 ONLY)	0.0047μF	10%	50V
C6711	1-104-512-11	CERAMIC (KDL-40S3000 ONLY)	22pF	5%	6.3KV
C6712	1-162-979-11	CERAMIC CHIP (KDL-40S3000 ONLY)	0.0027μF	10%	50V
C6712	1-162-968-11	CERAMIC CHIP (KDL-46S3000 ONLY)	0.0047μF	10%	50V
C6715	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C6716	1-162-970-11	CERAMIC CHIP	0.01μF	5%	25V
C6717	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
C6718	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6720	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6721	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6723	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6724	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
C6725	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6726	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C6727	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6728	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6729	1-107-882-91	ELECT	100μF	20%	16V
C6730	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6731	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6732	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C6735	1-165-176-11	CERAMIC CHIP	0.047μF	10%	16V
C6738	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6739	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6740	1-107-882-91	ELECT	100μF	20%	16V
C6741	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6742	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6743	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6744	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6745	1-107-877-11	ELECT	1000μF	20%	10V
C6746	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6747	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6748	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6749	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6750	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6751	1-162-927-11	CERAMIC CHIP (KDL-40S3000 ONLY)	100pF	5%	50V
C6752	1-162-927-11	CERAMIC CHIP (KDL-40S3000 ONLY)	100pF	5%	50V

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C6753	1-107-906-11	ELECT	10μF	20%	50V
	C6754	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
	C6755	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
	C6756	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
	C6757	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
	C6758	1-100-566-91	CERAMIC CHIP (KDL-40S3000 ONLY)	0.1μF	10%	25V
	C6759	1-107-882-91	ELECT	100μF	20%	16V
	C6785	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
	C6789	1-107-888-11	ELECT	47μF	20%	25V
	C6794	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V

CONNECTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES
*	CN6600	1-793-660-11	PIN, CONNECTOR (PC BOARD)	
*	CN6704	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P
*	CN6707	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P

DIODE

REF. NO.	PART NO.	DESCRIPTION	VALUES
D6608	8-719-041-97	DIODE	MA113-(TX)
D6609	8-719-041-97	DIODE	MA113-(TX)
D6623	8-719-083-57	DIODE	UDZSTE-173.6B
D6624	8-719-083-57	DIODE	UDZSTE-173.6B
D6625	6-500-137-01	DIODE	BAT54HT1
D6700	8-719-420-90	DIODE	MA8051-M
D6701	8-719-420-90	DIODE	MA8051-M
D6702	8-719-404-50	DIODE	MA111-TX
D6703	8-719-404-50	DIODE	MA111-TX
D6704	8-719-800-76	DIODE	1SS226
D6705	8-719-800-76	DIODE	1SS226
D6708	6-500-335-01	DIODE	MC2838-T112-1
D6709	8-719-017-58	DIODE	MA8068
D6710	8-719-017-58	DIODE	MA8068
D6714	8-719-422-12	DIODE	MA8039
D6715	8-719-422-12	DIODE	MA8039
D6717	8-719-404-50	DIODE	MA111-TX
D6718	8-719-404-50	DIODE	MA111-TX

GROUND TERMINAL

REF. NO.	PART NO.	DESCRIPTION
ET6700	1-537-770-21	TERMINAL BOARD, GROUND
ET6701	1-537-770-21	TERMINAL BOARD, GROUND

FERRITE BEAD

REF. NO.	PART NO.	DESCRIPTION	VALUES
FB6604	1-412-911-11	FERRITE	0μH
FB6605	1-412-911-11	FERRITE	0μH
FB6606	1-412-911-11	FERRITE	0μH

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

D1

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	FB6607	1-412-911-11	FERRITE	0μH		
	FB6609	1-481-256-11	FERRITE	0μH		
	FB6610	1-410-396-41	FERRITE	0.45μH		
		IC				
	IC6702	6-708-762-01	IC	PQ200WNA1ZPH		
*	IC6703	8-759-575-27	IC	BA10339F-E2		
	IC6704	6-709-368-01	IC	MM1431ATT		(CN)
		CHIP CONDUCTOR				
	JR6700	1-216-296-11	SHORT CHIP			
	JR6701	1-216-296-11	SHORT CHIP			
	JR6702	1-216-296-11	SHORT CHIP			
	JR6703	1-216-296-11	SHORT CHIP			
	JR6704	1-216-296-11	SHORT CHIP			
	JR6705	1-216-296-11	SHORT CHIP			
	JR6706	1-216-296-11	SHORT CHIP			
	JR6707	1-216-296-11	SHORT CHIP			
	JR6709	1-216-296-11	SHORT CHIP			
	JR6714	1-216-296-11	SHORT CHIP			
	JR6717	1-216-864-11	SHORT CHIP			
	JR6718	1-216-864-11	SHORT CHIP			
	JR6719	1-216-296-11	SHORT CHIP			
	JR6721	1-216-296-11	SHORT CHIP			
	JR6724	1-216-296-11	SHORT CHIP			
	JR6725	1-216-864-11	SHORT CHIP			
	JR6726	1-216-296-11	SHORT CHIP			
	JR6727	1-216-864-11	SHORT CHIP			
		COIL				
	L6600	1-406-977-21	INDUCTOR	100μH		
		TRANSISTOR				
	Q6604	8-729-804-41	TRANSISTOR	2SB1122-S		
	Q6605	8-729-804-41	TRANSISTOR	2SB1122-S		
	Q6704	8-729-028-27	TRANSISTOR	2SK2009(TE85L)		
	Q6705	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6712	8-729-600-22	TRANSISTOR	2SA1235-F		
	Q6714	8-729-600-22	TRANSISTOR	2SA1235-F		
		RESISTOR				
	R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6610	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
	R6611	1-216-057-00	RES-CHIP	2.2K	5%	1/10W

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6612	1-249-403-11	CARBON	68	5%	1/4W
	R6613	1-249-403-11	CARBON	68	5%	1/4W
	R6614	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6615	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6616	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6617	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6626	1-216-864-11	SHORT CHIP			
	R6634	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
	R6635	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
⚠	R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6701	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6702	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6705	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6706	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6710	1-243-831-71	METAL OXIDE	12	5%	1W
	R6711	1-243-831-71	METAL OXIDE	12	5%	1W
	R6712	1-243-831-71	METAL OXIDE	12	5%	1W
	R6713	1-243-831-71	METAL OXIDE	12	5%	1W
	R6714	1-216-829-11	METAL CHIP (KDL-40S3000 ONLY)	4.7K	5%	1/10W
	R6714	1-218-853-11	METAL CHIP (KDL-46S3000 ONLY)	1.8K	0.50%	1/10W
	R6715	1-216-837-11	METAL CHIP (KDL-40S3000 ONLY)	22K	5%	1/10W
	R6715	1-218-855-11	METAL CHIP (KDL-46S3000 ONLY)	2.2K	0.50%	1/10W
	R6716	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
	R6721	1-216-817-11	METAL CHIP	470	5%	1/10W
	R6722	1-218-897-11	METAL CHIP	120K	0.50%	1/10W
	R6723	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6724	1-216-864-11	SHORT CHIP			
	R6725	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
	R6727	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6729	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6730	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6731	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6732	1-218-893-11	METAL CHIP (KDL-40S3000 ONLY)	82K	0.50%	1/10W
	R6732	1-218-889-11	METAL CHIP (KDL-46S3000 ONLY)	56K	0.50%	1/10W
	R6733	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6734	1-216-833-11	METAL CHIP	10K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6736	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6737	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6739	1-216-864-11	SHORT CHIP			
R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6751	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6752	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6754	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6755	1-216-861-11	METAL CHIP	2.2M	5%	1/10W
R6756	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6757	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6758	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6760	1-218-854-11	METAL CHIP	2K	0.50%	1/10W
R6761	1-218-853-11	METAL CHIP	1.8K	0.50%	1/10W
R6762	1-211-983-11	METAL CHIP (KDL-40S3000 ONLY)	39	0.50%	1/10W
R6762	1-211-985-11	METAL CHIP (KDL-46S3000 ONLY)	47	0.50%	1/10W
R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6764	1-211-985-11	METAL CHIP (KDL-40S3000 ONLY)	47	0.50%	1/10W
R6766	1-216-864-11	SHORT CHIP			
R6768	1-211-985-11	METAL CHIP (KDL-40S3000 ONLY)	47	0.50%	1/10W
R6770	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6771	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6772	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6775	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6776	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6778	1-216-864-11	SHORT CHIP			
R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6780	1-216-864-11	SHORT CHIP			
R6782	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6783	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6787	1-216-817-11	METAL CHIP	470	5%	1/10W
R6788	1-216-864-11	SHORT CHIP			
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6790	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6792	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6793	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6802	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6804	1-249-381-11	CARBON	1	5%	1/4W
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6806	1-216-864-11	SHORT CHIP			
R6807	1-216-864-11	SHORT CHIP			
R6808	1-218-446-11	METAL CHIP (KDL-46S3000 ONLY)	1	5%	1/10W
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6810	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6811	1-218-901-11	METAL CHIP	180K	0.50%	1/10W
R6816	1-216-864-11	SHORT CHIP			
R6819	1-216-864-11	SHORT CHIP			
R6823	1-216-864-11	SHORT CHIP			
R6824	1-216-864-11	SHORT CHIP			
R6909	1-216-821-11	METAL CHIP	1K	5%	1/10W

TRANSFORMER

T6800	1-445-237-11	TRANSFORMER, DRIVE

D2

A-1247-497-A **D2 BOARD, COMPLETE (KDL-46S3000 ONLY)**

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C6900	1-112-744-61	MYLAR	1μF	10%	450V
C6903	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6904	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6905	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6909	1-112-744-61	MYLAR	1μF	10%	450V
C6911	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V
C6950	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6951	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6952	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6953	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6956	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6957	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6959	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C6961	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C6964	1-107-888-11	ELECT	47μF	20%	25V

CONNECTOR

*	CN6900	1-793-660-11	PIN, CONNECTOR (PC BOARD)	
*	CN6950	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P
	CN6952	1-695-915-11	TAB (CONTACT)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

D2 G1D G1H

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	DIODE				
D6902	8-719-041-97	DIODE	MA113-(TX)		
D6903	8-719-041-97	DIODE	MA113-(TX)		
D6904	8-719-083-57	DIODE	UDZSTE-173.6B		
D6905	8-719-083-57	DIODE	UDZSTE-173.6B		
D6950	8-719-420-90	DIODE	MA8051-M		
D6951	8-719-420-90	DIODE	MA8051-M		
D6952	8-719-404-50	DIODE	MA111-TX		
D6953	8-719-404-50	DIODE	MA111-TX		
D6954	8-719-800-76	DIODE	1SS226		
D6955	8-719-800-76	DIODE	1SS226		
	GROUND TERMINAL				
ET6950	1-537-770-21	TERMINAL BOARD, GROUND			
ET6951	1-537-770-21	TERMINAL BOARD, GROUND			
	FERRITE BEAD				
FB6901	1-481-256-11	FERRITE	0μH		
FB6904	1-412-911-11	FERRITE	0μH		
FB6905	1-412-911-11	FERRITE	0μH		
FB6906	1-412-911-11	FERRITE	0μH		
FB6907	1-412-911-11	FERRITE	0μH		
	CHIP CONDUCTOR				
JR6900	1-216-296-11	SHORT CHIP			
JR6901	1-216-296-11	SHORT CHIP			
JR6902	1-216-296-11	SHORT CHIP			
JR6903	1-216-296-11	SHORT CHIP			
	COIL				
L6900	1-406-977-21	INDUCTOR	100μH		
	TRANSISTOR				
Q6902	8-729-804-41	TRANSISTOR	2SB1122-S		
Q6903	8-729-804-41	TRANSISTOR	2SB1122-S		
	RESISTOR				
R6903	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6904	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6907	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6908	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6911	1-249-403-11	CARBON	68	5%	1/4W
R6912	1-249-403-11	CARBON	68	5%	1/4W
R6913	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6914	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6917	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6918	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6919	1-216-857-11	METAL CHIP	1M	5%	1/10W
⚠ R6950	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6951	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6952	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6953	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6954	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6955	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6956	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6957	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6958	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6960	1-243-831-71	METAL OXIDE	12	5%	1W
R6961	1-243-831-71	METAL OXIDE	12	5%	1W
R6962	1-243-831-71	METAL OXIDE	12	5%	1W
R6963	1-243-831-71	METAL OXIDE	12	5%	1W
R6965	1-216-864-11	SHORT CHIP			
R6966	1-216-864-11	SHORT CHIP			
	TRANSFORMER				
T6950	1-445-237-11	TRANSFORMER, DRIVE			

G1D

1-474-056-11 G1D BOARD, COMPLETE (POWER SUPPLY)
(KDL-26S3000 ONLY)

This board is manufactured by a 3rd party.
Component level repair information is not available.

G1H

1-474-052-11 G1H BOARD, COMPLETE (POWER SUPPLY)
(KDL-32S3000 ONLY)

This board is manufactured by a 3rd party.
Component level repair information is not available.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

G3

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	A-1308-804-A	**G3 BOARD, COMPLETE(POWER SUPPLY) (KDL-40S3000/46S3000 ONLY)**			
	4-382-854-11	SCREW (M3X10), P, SW (+)			

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6000	1-113-889-11	CERAMIC	0.001μF	20%	250V
C6002	1-165-530-11	MYLAR	0.47μF	10	275V
C6005	1-113-889-11	CERAMIC	0.001μF	20%	250V
C6007	1-119-892-51	CERAMIC	470pF	10%	250V
C6011	1-119-892-51	CERAMIC	470pF	10%	250V
C6012	1-165-529-11	MYLAR	0.22μF	10	275V
C6014	1-161-964-91	CERAMIC	0.0047μF		250V
C6015	1-161-964-91	CERAMIC	0.0047μF		250V
C6018	1-119-894-51	CERAMIC	2200pF	20%	250V
C6019	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C6020	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C6021	1-113-889-11	CERAMIC	0.001μF	20%	250V
C6100	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6101	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C6102	1-107-906-11	ELECT	10μF	20%	50V
C6103	1-107-905-11	ELECT	4.7μF	20%	50V
C6104	1-107-910-11	ELECT	100μF	20%	50V
C6106	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6107	1-107-888-11	ELECT	47μF	20%	25V
C6108	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C6111	1-100-310-11	FILM	18000pF	3%	800V
C6112	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C6150	1-104-760-11	CERAMIC CHIP	0.047μF	10%	50V
C6152	1-112-231-21	ELECT	2200μF	20%	16V
C6154	1-112-835-11	ELECT	3300μF	20%	25V
C6157	1-112-231-21	ELECT	2200μF	20%	16V
C6160	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6170	1-112-231-21	ELECT	2200μF	20%	16V
C6200	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6202	1-107-903-11	ELECT	2.2μF	20%	50V
C6203	1-100-139-41	FILM	0.001μF	5%	630V
C6204	1-107-904-11	ELECT	3.3μF	20%	50V
C6205	1-107-910-11	ELECT	100μF	20%	50V
C6206	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6250	1-128-949-31	ELECT	470μF	20%	16V
C6251	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6300	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6301	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6302	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6304	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6305	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6306	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C6307	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6308	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6309	1-107-910-11	ELECT	100μF	20%	50V
C6310	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6311	1-131-872-91	CERAMIC CHIP	1000pF	10%	630V
C6402	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6403	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6408	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6410	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6411	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C6500	1-112-744-61	MYLAR	1μF	10%	450V
C6501	1-112-188-11	MYLAR	1.5μF	5%	450V
C6503	1-112-188-11	MYLAR	1.5μF	5%	450V
C6505	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6506	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6507	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V
C6508	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6510	1-107-902-11	ELECT	1μF	20%	50V
C6511	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6512	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C6517	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6518	1-107-908-11	ELECT	33μF	20%	50V
C6519	1-107-906-11	ELECT	10μF	20%	50V
C6521	1-107-906-11	ELECT	10μF	20%	50V

CONNECTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES
⚠ * CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)	
CN6001	1-695-915-11	TAB (CONTACT)	
CN6002	1-695-915-11	TAB (CONTACT)	
CN6003	1-695-915-11	TAB (CONTACT)	
* CN6202	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P
CN6203	1-785-707-11	PIN, CONNECTOR (PC BOARD)	11P
* CN6204	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P
* CN6501	1-793-660-11	PIN, CONNECTOR (PC BOARD)	
* CN6502	1-793-660-11	PIN, CONNECTOR (PC BOARD)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
		DIODE			
	D6000	8-719-054-89	DIODE	D15XB60	
⚠	D6100	8-719-081-67	DIODE	M1FM3	
	D6101	6-500-137-01	DIODE	BAT54HT1	
	D6102	8-719-017-89	DIODE	MA8150-TX	
	D6104	8-719-979-64	DIODE	UF4005/23	
⚠	D6105	8-719-081-67	DIODE	M1FM3	
	D6151	8-719-060-88	DIODE	D4SBS6	
	D6152	6-501-545-01	DIODE	SG10SC6-F5	
⚠	D6153	6-501-545-01	DIODE	SG10SC6-F5	
	D6201	8-719-058-74	DIODE	05NU42-TPA2	
	D6203	6-500-567-31	DIODE	10ERB20-TB3	
	D6204	6-500-567-31	DIODE	10ERB20-TB3	
	D6206	8-719-404-50	DIODE	MA111-TX	
	D6250	8-719-510-02	DIODE	D1NS4	
	D6303	8-719-404-50	DIODE	MA111-TX	
	D6304	8-719-404-50	DIODE	MA111-TX	
	D6308	8-719-404-50	DIODE	MA111-TX	
	D6309	8-719-404-50	DIODE	MA111-TX	
	D6310	8-719-404-50	DIODE	MA111-TX	
	D6311	8-719-018-01	DIODE	MA8220-TX	
	D6312	8-719-058-74	DIODE	05NU42-TPA2	
	D6313	8-719-404-50	DIODE	MA111-TX	
	D6400	8-719-017-89	DIODE	MA8150-TX	
	D6401	8-719-404-50	DIODE	MA111-TX	
	D6402	8-719-404-50	DIODE	MA111-TX	
	D6404	8-719-404-50	DIODE	MA111-TX	
	D6500	6-500-108-01	DIODE	EP05FA20	
	D6501	6-500-108-01	DIODE	EP05FA20	
	D6502	6-500-137-01	DIODE	BAT54HT1	
	D6503	8-719-404-50	DIODE	MA111-TX	
	D6511	8-719-404-50	DIODE	MA111-TX	
	D6512	8-719-404-50	DIODE	MA111-TX	
	D6513	6-500-137-01	DIODE	BAT54HT1	
	ET6000	1-537-770-21	TERMINAL BOARD, GROUND		
	ET6001	1-537-770-21	TERMINAL BOARD, GROUND		
	ET6002	1-537-770-21	TERMINAL BOARD, GROUND		
	ET6003	1-537-770-21	TERMINAL BOARD, GROUND		
		FUSE			
⚠	F6000	1-576-233-51	FUSE	6.3A	250V

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
		FERRITE BEAD			
	FB6000	1-412-911-11	FERRITE	0µH	
	FB6001	1-412-911-11	FERRITE	0µH	
	FB6004	1-410-396-41	FERRITE	0.45µH	
	FB6005	1-410-396-41	FERRITE	0.45µH	
	FB6100	1-412-911-11	FERRITE	0µH	
	FB6101	1-412-911-11	FERRITE	0µH	
	FB6150	1-412-911-11	FERRITE	0µH	
	FB6151	1-412-911-11	FERRITE	0µH	
	FB6152	1-412-911-11	FERRITE	0µH	
	FB6153	1-412-911-11	FERRITE	0µH	
		FUSE HOLDER			
⚠	FH6000	1-533-223-11	FUSE HOLDER	0A	0V
⚠	FH6001	1-533-223-11	FUSE HOLDER	0A	0V
		IC			
⚠	IC6100	6-707-749-01	IC	CXD9841P	
	IC6150	6-709-368-01	IC	MM1431ATT	(CN)
⚠	IC6200	6-708-801-01	IC	MIP2H2	
	IC6250	6-709-442-01	IC	MM1530ATT	
	IC6300	6-709-368-01	IC	MM1431ATT	(CN)
	IC6301	6-709-368-01	IC	MM1431ATT	(CN)
⚠	IC6500	6-709-791-01	IC	L6562N	
		CHIP CONDUCTOR			
	JR6001	1-216-864-11	SHORT CHIP		
	JR6002	1-216-295-91	SHORT CHIP		
	JR6003	1-216-296-11	SHORT CHIP		
	JR6004	1-216-295-91	SHORT CHIP		
	JR6005	1-216-295-91	SHORT CHIP		
	JR6006	1-216-864-11	SHORT CHIP		
	JR6007	1-216-296-11	SHORT CHIP		
	JR6008	1-216-296-11	SHORT CHIP		
	JR6009	1-216-296-11	SHORT CHIP		
	JR6010	1-216-296-11	SHORT CHIP		
	JR6011	1-216-295-91	SHORT CHIP		
	JR6012	1-216-295-91	SHORT CHIP		
	JR6013	1-216-295-91	SHORT CHIP		
	JR6014	1-216-295-91	SHORT CHIP		
	JR6015	1-216-864-11	SHORT CHIP		
	JR6016	1-216-296-11	SHORT CHIP		

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

G3

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
		COIL				
	L6150	1-414-487-41	INDUCTOR	1μH		
	L6151	1-414-487-41	INDUCTOR	1μH		
	L6152	1-457-239-11	INDUCTOR	4.7μH		
	L6250	1-414-183-41	INDUCTOR	10μH		
	L6500	1-457-277-11	INDUCTOR	260μH		
		PHOTO COUPLER				
	PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
	PH6200	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
	PH6300	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
	PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
	PH6302	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
		TRANSISTOR				
⚠	Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q)		
⚠	Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q)		
	Q6300	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
	Q6301	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
⚠	Q6303	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
	Q6304	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6305	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6306	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6307	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
	Q6405	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
	Q6406	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6500	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6501	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
⚠	Q6502	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q)		
⚠	Q6503	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q)		
	Q6504	8-729-820-90	TRANSISTOR	2SD1621-ST		
	Q6505	8-729-804-41	TRANSISTOR	2SB1122-S		
	Q6506	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
		RESISTOR				
⚠	R6009	1-240-251-11	METAL	6.8	5%	10W
	R6014	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6015	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6100	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
	R6101	1-249-385-11	CARBON	2.2	5%	1/4W
	R6102	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6103	1-218-827-11	METAL CHIP	150	0.50%	1/10W
	R6104	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
	R6106	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6107	1-208-854-11	METAL CHIP	1M	0.50%	1/10W

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6108	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6109	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
⚠	R6110	1-202-933-61	FUSIBLE	0.1	10%	1/2W
	R6111	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
	R6112	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
	R6115	1-211-981-11	METAL CHIP	33	0.50%	1/10W
	R6116	1-216-009-91	RES-CHIP	22	5%	1/10W
	R6117	1-216-009-91	RES-CHIP	22	5%	1/10W
	R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6119	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6120	1-216-361-00	METAL OXIDE	0.22	5%	2W
	R6121	1-216-361-00	METAL OXIDE	0.22	5%	2W
	R6122	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6123	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
	R6150	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6153	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
	R6154	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
	R6155	1-216-845-11	METAL CHIP	100K	5%	1/10W
	R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6158	1-249-389-11	CARBON	4.7	5%	1/4W
	R6159	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
	R6202	1-243-725-71	METAL OXIDE	100K	5%	1W
	R6203	1-249-385-11	CARBON	2.2	5%	1/4W
	R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
	R6252	1-216-805-11	METAL CHIP	47	5%	1/10W
	R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
	R6256	1-216-864-11	SHORT CHIP			
	R6300	1-216-835-11	METAL CHIP	15K	5%	1/10W
	R6301	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6302	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
	R6303	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
	R6304	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6305	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6310	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6311	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6312	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6313	1-216-864-11	SHORT CHIP			
	R6315	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6316	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6317	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6319	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6320	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6321	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6322	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6325	1-218-889-11	METAL CHIP	56K	0.50%	1/10W
R6326	1-216-849-11	METAL CHIP	220K	5%	1/10W
R6327	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6328	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R6329	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6332	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6333	1-216-843-11	METAL CHIP	68K	5%	1/10W
R6334	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6335	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6336	1-216-864-11	SHORT CHIP			
R6337	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6404	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6405	1-216-809-11	METAL CHIP	100	5%	1/10W
R6408	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6413	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6415	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6416	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6418	1-216-864-11	SHORT CHIP			
R6420	1-216-817-11	METAL CHIP	470	5%	1/10W
R6429	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6430	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6433	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6434	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6435	1-216-864-11	SHORT CHIP			
R6436	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6437	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6438	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6500	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6501	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6502	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6503	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6504	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6505	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6506	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6507	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R6508	1-218-881-11	METAL CHIP	27K	0.50%	1/10W
R6510	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6511	1-216-817-11	METAL CHIP	470	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6512	1-215-882-00	METAL OXIDE	22	5%	2W
R6514	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6515	1-216-817-11	METAL CHIP	470	5%	1/10W
R6516	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6517	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W
R6518	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6520	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6521	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠ R6522	1-249-389-11	CARBON	4.7	5%	1/4W
⚠ R6523	1-249-389-11	CARBON	4.7	5%	1/4W
R6524	1-243-550-71	METAL OXIDE	6.8	5%	2W
R6526	1-216-864-11	SHORT CHIP			
R6527	1-216-864-11	SHORT CHIP			
R6528	1-216-809-11	METAL CHIP	100	5%	1/10W
R6529	1-249-393-11	CARBON	10	5%	1/4W
R6530	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6531	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6532	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6533	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W
R6535	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6536	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6538	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6539	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
R6540	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6541	1-216-809-11	METAL CHIP	100	5%	1/10W
R6542	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6543	1-211-954-11	METAL CHIP	12	0.50%	1/10W

RELAY

RY6000	1-755-516-11	RELAY (AC POWER)

TRANSFORMER

T6200	1-443-984-11	CONVERTER TRANSFORMER (SBT)

VARISTOR

VD6000	1-804-996-21	VARISTOR
VD6001	1-804-996-21	VARISTOR

H1

A-1220-318-A H1 BOARD, MOUNTED

CONNECTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
*	CN101	1-820-180-11	HEADER ASSEMBLY (PRINT PWB)			
*	CN102	1-819-472-11	HEADER ASSEMBLY FOR PWB			

RESISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R101	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R102	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R103	1-218-835-11	METAL CHIP	330	0.50%	1/10W
R104	1-218-841-11	METAL CHIP	560	0.50%	1/10W
R105	1-218-848-11	METAL CHIP	1.1K	0.50%	1/10W
R107	1-216-864-11	SHORT CHIP			

SWITCH

REF. NO.	PART NO.	DESCRIPTION
S101	1-572-595-11	SWITCH, TACTILE
S102	1-572-595-11	SWITCH, TACTILE
S103	1-572-595-11	SWITCH, TACTILE
S104	1-572-595-11	SWITCH, TACTILE
S105	1-572-595-11	SWITCH, TACTILE
S106	1-572-595-11	SWITCH, TACTILE
S107	1-572-595-11	SWITCH, TACTILE

H3

A-1220-319-A H3 BOARD, MOUNTED

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C320	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C322	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C323	1-126-205-11	ELECT CHIP	47μF	20%	6.3V

DIODE

REF. NO.	PART NO.	DESCRIPTION	VALUES
D302	8-719-085-26	DIODE	CL-165HR/SYG-D-T
D305	8-719-085-26	DIODE	CL-165HR/SYG-D-T
D308	6-500-817-01	DIODE (LED)	SML-512UWT86

IC

REF. NO.	PART NO.	DESCRIPTION	VALUES
IC320	6-600-447-01	IC	TPS853(SONY)

TRANSISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q301	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q302	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q303	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q304	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q305	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q320	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF

RESISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R301	1-216-821-11	METAL CHIP	1K	5%	1/10W
R302	1-216-821-11	METAL CHIP	1K	5%	1/10W
R303	1-216-821-11	METAL CHIP	1K	5%	1/10W
R304	1-216-821-11	METAL CHIP	1K	5%	1/10W
R305	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R321	1-216-839-11	METAL CHIP	33K	5%	1/10W
R322	1-216-821-11	METAL CHIP	1K	5%	1/10W
R323	1-216-833-11	METAL CHIP	10K	5%	1/10W
R325	1-216-864-11	SHORT CHIP			
R326	1-216-847-11	METAL CHIP	150K	5%	1/10W
R327	1-216-864-11	SHORT CHIP			
R328	1-216-823-11	METAL CHIP	1.5K	5%	1/10W

H4

A-1220-320-A H4 BOARD, MOUNTED

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C401	1-162-960-11	CERAMIC CHIP	220pF	10%	50V
C402	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V

CONNECTOR

	REF. NO.	PART NO.	DESCRIPTION
*	CN401	1-820-297-11	HEADER ASSEMBLY (PRINT PWB)

IC

REF. NO.	PART NO.	DESCRIPTION	VALUES
IC401	6-600-502-01	HIC	GP1UE26RK0VF

RESISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R401	1-216-817-11	METAL CHIP	470	5%	1/10W
R402	1-216-805-11	METAL CHIP	47	5%	1/10W

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

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U1

A-1220-504-C U1 BOARD, MOUNTED

CAPACITOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C200	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
	C201	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
	C202	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
	C203	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
	C206	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
	C209	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
	C215	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
	C218	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V

CONNECTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
*	CN201	1-819-928-11	HEADER ASSEMBLY		20P	
	CN202	1-695-915-11	TAB (CONTACT)			

DIODE

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	D203	8-719-423-03	DIODE	MA8100		
	D204	8-719-423-03	DIODE	MA8100		

EARTH TERMINAL

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	ET201	1-780-482-11	EARTH TERMINAL			
	ET202	1-780-482-11	EARTH TERMINAL			

JACK

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	J201	1-780-489-11	S TERMINAL BLOCK (RIGHT)			
	J202	1-815-325-11	JACK			

RESISTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R200	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R201	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R202	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R203	1-216-809-11	METAL CHIP	100	5%	1/10W
	R204	1-218-285-11	METAL CHIP	75	5%	1/10W
	R205	1-216-809-11	METAL CHIP	100	5%	1/10W
	R206	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R207	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R208	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R209	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R210	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R211	1-216-809-11	METAL CHIP	100	5%	1/10W
	R212	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R215	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R216	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R218	1-216-864-11	SHORT CHIP			
	R219	1-216-864-11	SHORT CHIP			
	R220	1-216-864-11	SHORT CHIP			
	R222	1-216-864-11	SHORT CHIP			

VARISTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	VD201	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD202	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD203	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD204	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD205	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD206	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD207	1-804-988-21	VARISTOR, CHIP	(1608)		

ACCESSORIES AND PACKING

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
⚠		1-831-499-21	POWER-SUPPLY CORD SET (KDL-26S3000/32S3000 ONLY)			
⚠		1-832-937-11	AC POWER-SUPPLY CORD SET (KDL-40S3000/46S3000 ONLY)			
*		X-2102-511-2	BAG ASSY, RUDDER LOCK (Contains the 4 items below)			
		X-2055-089-2	LOCK ASSY, RUDDER (Contains the Belt)	(Strap)		
		2-591-689-01	BELT			
		2-593-320-02	SCREW, CION (M6X18)			
		2-580-663-01	SCREW, WOOD 3.8X20			
*		2-678-263-01	BAG, PROTECTION (KDL-26S3000 ONLY)			
*		2-678-264-01	BAG, PROTECTION (KDL-32S3000 ONLY)			
*		2-678-265-01	BAG, PROTECTION (KDL-40S3000 ONLY)			
*		2-678-266-01	BAG, PROTECTION (KDL-46S3000 ONLY)			
*		3-113-038-01	CARTON, INDIVIDUAL (KDL-26S3000 ONLY)			
*		2-319-958-01	CARTON, INDIVIDUAL (KDL-32S3000 ONLY)			
*		2-319-962-01	CARTON, INDIVIDUAL (KDL-40S3000 ONLY)			
*		3-093-192-01	CARTON, INDIVIDUAL (KDL-46S3000 ONLY)			
*		3-211-986-01	CARTON, INDIVIDUAL (KDL-46S3000 ONLY)			

REF. NO.	PART NO.	DESCRIPTION	VALUES
	2-595-155-02	CLAMP	
	1-500-915-11	CLAMP FILTER (FERRITE, CORE) (KDL-40S3000/46S3000 ONLY)	
*	2-319-961-02	CUSHION, LOWER (KDL-26S3000/32S3000 ONLY)	
*	2-319-966-02	CUSHION, LOWER (KDL-40S3000 ONLY)	
*	3-093-196-02	CUSHION, LOWER (KDL-46S3000 ONLY)	
*	3-211-990-01	CUSHION, LOWER (KDL-46S3000 ONLY)	
*	2-319-960-01	CUSHION, UPPER (KDL-26S3000/32S3000 ONLY)	
*	2-319-965-01	CUSHION, UPPER (KDL-40S3000 ONLY)	
*	3-093-195-01	CUSHION, UPPER (KDL-46S3000 ONLY)	
*	3-211-989-01	CUSHION, UPPER (KDL-46S3000 ONLY)	
	3-196-473-11	GUIDE, QUICK SETUP (English Version)	
	3-196-473-21	GUIDE, QUICK SETUP (French Version)	
	3-196-473-31	GUIDE, QUICK SETUP (Spanish Version)	
	3-196-472-12	MANUAL, INSTRUCTION (English Version)	
	3-196-472-22	MANUAL, INSTRUCTION (French Version)	
	3-196-472-32	MANUAL, INSTRUCTION (Spanish Version)	
*	3-216-083-01	SHEET, PROTECTION (STAND) (KDL-26S3000 ONLY)	
*	2-319-963-01	TRAY (KDL-40S3000 ONLY)	
*	3-093-193-01	TRAY (KDL-46S3000 ONLY)	
*	3-211-987-01	TRAY (KDL-46S3000 ONLY)	
*	2-319-964-01	TRAY, TOP (KDL-40S3000 ONLY)	
*	3-093-194-01	TRAY, TOP (KDL-46S3000 ONLY)	
*	3-211-988-01	TRAY, TOP (KDL-46S3000 ONLY)	

REF. NO.	PART NO.	DESCRIPTION	VALUES
	REMOTE COMMANDER		
	1-480-262-11	REMOTE COMMANDER (RM-YD018)	
☛	9-885-110-88	COVER, BATTERY (RM-YD018)	

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Sony Technology Center
Technical Services
Service Promotion Department

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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a 🔒.**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.**

5) **If a Circuit Board identified with a red outline and a 🔒 in the service manual is deemed to be defective:**

    a) **and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.**

    b) **and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.**

5) **If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a 🔒 in the service manual MUST BE DESTROYED.**

SERVICE MANUAL WAX3 CHASSIS

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.